

Storm Data and Unusual Weather Phenomena - May 2011

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
ILLINOIS, South				
ALEXANDER COUNTY --- 0.8 ESE CACHE [37.10, -89.26], 4.0 SSE WILLARD [37.02, -89.33], 4.3 WNW GALE [37.28, -89.52], 2.4 S MC CLURE [37.28, -89.44]				
	05/01/11 00:00 CST		1.50M	Flood (due to Heavy Rain)
	05/31/11 23:59 CST		0	Source: River/Stream Gage
Major flooding continued on the Mississippi River from April. At the Thebes river gage, the flood crest of 45.52 feet on the night of May 2 was the second highest crest on record. The record crest was 45.91 feet in May of 1995. A major levee break at Fayville resulted in flash flooding in central and northern parts of the county. Communities outside of levee protection systems, such as Olive Branch, Miller City, and Tamms, were evacuated as floodwaters inundated entire communities and cut off access roads. Many homes and businesses in those communities were sandbagged, but most of them ended up being flooded. Lower portions of the community of Thebes were inundated. The National Guard was requested to assist with sandbagging residences. A water main break caused interruptions in the drinking water supply.				
ALEXANDER COUNTY --- CAIRO [37.00, -89.18], 2.8 ESE CAIRO [36.98, -89.13], 2.8 ESE CAIRO [36.99, -89.13], 1.4 S URBANDALE [37.03, -89.18], 0.7 NNE URBANDALE [37.06, -89.17], 0.5 NW URBANDALE [37.05, -89.19]				
	05/01/11 00:00 CST		1M	Flood (due to Heavy Rain)
	05/31/11 23:59 CST		0	Source: River/Stream Gage
Record flooding occurred on the Ohio River. At the Cairo river gage, the flood crest of 61.72 feet on the evening of May 2 broke the previous record of 59.50 feet set in 1937. The activation of the New Madrid Floodway by the U.S. Army Corps of Engineers spared Cairo (population 2,800) from an even higher crest that could have easily overtopped the city's levees. With the detonation of the Mississippi River levee at Birds Point, Missouri, the Ohio River dropped suddenly at Cairo. The entire city of Cairo was placed under a mandatory evacuation order as the Ohio River approached the top of the levees protecting the city. Only about 40 people remained behind after the evacuation. Due to heavy rain and backed-up sewers, several blocks within the city experienced basement flooding despite being protected by levees. Some streets in the city were undermined by seepwater. Most routes into and out of the city were blocked by flooding, including Route 3 to the north and both bridges to the south (over the Mississippi and Ohio Rivers). A main rail line that runs through Cairo was shut down due to a large landslide.				
FRANKLIN COUNTY --- PLUMFIELD [37.88, -89.00], 2.2 N BENTON MUNI ARPT [38.03, -88.94], 0.7 WSW REND CITY [38.03, -88.99], 0.7 SSE ZEIGLER [37.89, -89.04], 1.0 ENE ROYALTON [37.88, -89.10], 4.2 SE ROYALTON [37.82, -89.07]				
	05/01/11 00:00 CST		0.50M	Flood (due to Heavy Rain)
	05/26/11 22:00 CST	1	0	Source: River/Stream Gage
Record flooding occurred on the Big Muddy River. At the Plumfield river gage, the river crested at 34.68 feet on the evening of May 3. This exceeded the old record set in 1961 by less than an inch. Illinois Route 148 was closed south of Zeigler, as was County Highway 11. A section of Illinois Route 149 was closed, along with Illinois Route 37 north of West Frankfort. About two dozen homes were flooded, mostly in the Mitchell Lake area of Denning Township. Between five and six feet of water entered some homes. A 62-year-old man was found clinging to a tree after ignoring barricades and driving into swift water on the morning of May 3. The man was treated for hypothermia at a local hospital. His vehicle was washed off the roadway into deep water.				
GALLATIN COUNTY --- SHAWNEETOWN [37.70, -88.13], 2.2 NE SALINE MINES [37.65, -88.16], 2.7 N SALINE MINES [37.66, -88.17], 1.7 WNW SHAWNEETOWN [37.71, -88.16], 5.4 NNE SHAWNEETOWN [37.77, -88.08], 5.4 NE SHAWNEETOWN [37.75, -88.05]				
	05/01/11 00:00 CST		0.40M	Flood (due to Heavy Rain)
	05/31/11 23:59 CST		0	Source: River/Stream Gage
Major flooding continued on the Ohio River from April. At the Shawneetown river gage, the flood crest of 56.37 feet on the afternoon of May 6 was about two feet higher than the 1997 flood. This was still over nine feet lower than the record crest set in 1937. Sandbagging operations and some evacuations were conducted in Old Shawneetown, Equality, Junction, and New Haven. These communities are all affected by the Ohio River or its backwater coming up the Saline River. In Equality, floodwaters were four feet high in a church. At least several homes were inundated. In Junction, water was three to four feet deep in one house. About a dozen other homes in Junction were under one to three feet of water. The sewer plants in New Haven and Equality were endangered by flooding. Pumps in Old Shawneetown were overwhelmed by rainwater runoff collecting on the dry side of the levee. This was responsible for considerable flooding in Old Shawneetown even before the Ohio River crested. A number of roads were closed, including the main road into Junction and Route 1. All roads into Old Shawneetown were blocked by authorities to prevent looting and interference from sightseers. A Red Cross shelter was opened in Shawneetown.				
HARDIN COUNTY --- CAVE IN ROCK [37.47, -88.17], 0.6 SSE ROSICLARE [37.41, -88.35], 1.0 NNW ROSICLARE [37.43, -88.36], 1.3 NW CAVE IN ROCK [37.48, -88.19]				
	05/01/11 00:00 CST		0.15M	Flood (due to Heavy Rain)
	05/26/11 23:00 CST		0	Source: Other Federal Agency

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Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
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Major flooding continued on the Ohio River from April. Based on data from river gages in nearby Pope and Gallatin Counties, the flood crest of 2011 was two to three feet higher than the 1997 flood. This was still 6 to 9 feet lower than the record crest set in 1937. The activation of the New Madrid Floodway by the U.S. Army Corps of Engineers spared Hardin County from an even higher crest that would have inundated even larger areas of the county. With the detonation of the Mississippi River levee at Birds Point, Missouri, the Ohio River stopped rising or rose much more slowly. At least a few riverfront homes in Elizabethtown were flooded up to two feet deep. A few homes in Cave-In-Rock were flooded, and much of the rest of the community was sandbagged. Portions of Illinois Route 1 were closed. A section of Highway 146 was sandbagged to keep it open. A couple of churches were sandbagged in Cave-In-Rock and Elizabethtown. The oldest Baptist church in Illinois sustained flooding damage in Elizabethtown. The National Guard was activated to assist with sandbagging. Flood gates were installed at Rosiclare. Parks and other recreational facilities outside of the levee protection system were flooded. County schools were closed. The ferry from Cave-In-Rock to Crittenden County, KY was shut down.

JACKSON COUNTY --- 1.2 W GRIMSBY [37.75, -89.47], 2.0 W (MDH)CRBNL/MRFYSBRO [37.78, -89.29], 1.3 W MT CARBON [37.75, -89.35], 2.2 ESE SAND RIDGE [37.72, -89.39], 3.1 SE HOWARDTON [37.60, -89.42], 1.1 N GRAND TOWER [37.65, -89.50]

05/01/11 00:00 CST	50K	Flood (due to Heavy Rain)
05/26/11 20:00 CST	0	Source: River/Stream Gage

Record flooding occurred on the Big Muddy River. At the Murphysboro river gage, the river crested at 40.42 feet on the early morning of May 2. This exceeded the old record set in 1961 by over a foot. Illinois Route 127 was closed at the Big Muddy River bridge near Murphysboro. The river was completely over the bridge on Old Route 13. Residents of a trailer park between Illinois Route 13 and the river were asked to evacuate. Flooding approached a Murphysboro neighborhood. The National Guard was activated to assist with sandbagging. The Murphysboro wastewater treatment plant was sandbagged. About a dozen streets were closed and underwater in Murphysboro. U.S. Highway 51 was reduced to one lane north of Carbondale, backing up traffic for miles.

JACKSON COUNTY --- GRAND TOWER [37.63, -89.50], 1.0 SSW GRAND TOWER [37.62, -89.51], 2.6 WNW JOHNS SPUR [37.68, -89.51], 1.8 WNW JOHNS SPUR [37.68, -89.50]

05/01/11 00:00 CST	50K	Flood (due to Heavy Rain)
05/31/11 23:59 CST	0	Source: Other Federal Agency

Major flooding continued on the Mississippi River from April. Based on data from a river gage in Alexander County, the flood crest of 2011 was among the five highest crests on record. A voluntary evacuation of the community of Grand Tower was requested, partly due to a leak in a levee along the Big Muddy River. Grand Tower sits at the confluence of the Big Muddy and Mississippi Rivers.

MASSAC COUNTY --- BROOKPORT [37.12, -88.63], METROPOLIS [37.15, -88.73], 0.1 ESE JOPPA [37.20, -88.85], 1.4 E JOPPA [37.20, -88.82], 1.3 NW BROOKPORT [37.14, -88.64]

05/01/11 00:00 CST	2M	Flood (due to Heavy Rain)
05/31/11 23:59 CST	0	Source: River/Stream Gage

Major flooding continued on the Ohio River from April. At the Brookport river gage, the flood crest of 57.00 feet on the night of May 5 was about 3.5 feet higher than the 1997 flood. This was still several feet lower than the record crest set in 1937. The activation of the New Madrid Floodway by the U.S. Army Corps of Engineers spared Massac County from an even higher crest that would have inundated even larger areas of Metropolis. With the detonation of the Mississippi River levee at Birds Point, Missouri, the Ohio River stopped rising or rose much more slowly at the Brookport gage. A voluntary evacuation of the city of Brookport was requested due to potential problems with its levees. Most residents east of downtown Metropolis living between U.S. Highway 45 and the river were forced to evacuate as their homes flooded. Some dwellings on the other side of Route 45 were flooded. Several businesses along U.S. Highway 45, mostly car dealerships and restaurants, were forced to close as water crept across the highway near Fort Massac State Park. The highway remained open but reduced to two lanes. A massive sandbagging operation was conducted to attempt to protect many homes and businesses along U.S. 45 from Interstate 24 to the downtown area of Metropolis, as well as Joppa. A couple of nursing homes were evacuated. Schools were closed. Shelters were opened for those who were displaced. A hotel-casino along the Metropolis riverfront was closed for over a month.

POPE COUNTY --- GOLCONDA [37.37, -88.48], 1.5 ENE TANSILL [37.31, -88.50], 1.6 NNW BAY CITY [37.27, -88.51], 1.8 S TANSILL [37.27, -88.53], 2.5 ENE HOMBERG [37.34, -88.51], 1.1 NW GOLCONDA [37.38, -88.49]

05/01/11 00:00 CST	0.25M	Flood (due to Heavy Rain)
05/26/11 20:00 CST	0	Source: River/Stream Gage

Major flooding continued on the Ohio River from April. At the Golconda river gage, the flood crest of 56.89 feet on the afternoon of May 6 was about 3 feet higher than the 1997 flood. This was still almost six feet lower than the record crest set in 1937. The activation of the New Madrid Floodway by the U.S. Army Corps of Engineers spared Pope County from an even higher crest that would have inundated even larger areas of the county. With the detonation of the Mississippi River levee at Birds Point, Missouri, the Ohio River stopped rising or rose much more slowly at the Golconda gage. Due to Ohio River flooding, the floodgates were installed at Golconda. This required that all access roads into and out of Golconda be closed, since those roads pass through the floodwall openings. Schools and government offices were closed due to the effective shutdown of Golconda, the largest town in the county. The town of Golconda was under a voluntary evacuation request. The Golconda post office was moved to a temporary location outside of town. Residents of the tiny community of Hamlettsburg were evacuated. All the residents of Hall Town, which is an unprotected area outside the levee protection system, were evacuated as floodwaters engulfed the community. Lusk Creek backed up into Golconda, flooding a street. Residents of the community of Bay City boated to Golconda for emergency supplies. Floodwaters inundated much of the community of New Liberty. Bay Creek Camp was flooded. Backwater flooded rural gravel roads in the Brownfield area.

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Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
PULASKI COUNTY --- 0.9 N MOUND CITY [37.09, -89.17], 1.5 ENE MOUND CITY [37.09, -89.14], 0.9 S OLMSTED [37.17, -89.08], 2.6 SSE NEW GRAND CHAIN [37.21, -89.00], 1.9 SSW NEW GRAND CHAIN [37.22, -89.03]				
	05/01/11 00:00 CST		0.20M	Flood (due to Heavy Rain)
	05/31/11 23:59 CST		0	Source: River/Stream Gage
Major flooding continued on the Ohio River from April. At the Grand Chain river gage, the flood crest of 62.20 feet on the evening of May 2 came within two feet of the record of 64.00 feet set in 1937. The activation of the New Madrid Floodway by the U.S. Army Corps of Engineers spared Pulaski County from an even higher crest. With the detonation of the Mississippi River levee at Birds Point, Missouri, the Ohio River dropped suddenly at Grand Chain.				
UNION COUNTY --- WOLF LAKE [37.50, -89.43], 0.9 NW ALDRIDGE [37.56, -89.48], 2.7 W ALDRIDGE [37.55, -89.52], 2.5 SW WARE [37.42, -89.43]				
	05/01/11 00:00 CST		70K	Flood (due to Heavy Rain)
	05/31/11 23:59 CST		0	Source: Other Federal Agency
Major flooding continued on the Mississippi River from April. Based on data from a nearby river gage in Alexander County, the flood crest of 2011 was the second highest crest on record. All access roads to the Mississippi River levees were closed. Some residents were isolated by the floodwaters, and one school district cancelled classes. Backwater from the Mississippi River contributed to flooding of Clear Creek, which affected at least one home. Sandbagging operations were conducted to protect water wells in the Clear Creek area, and to reinforce levees. The National Guard was activated to assist with the sandbagging.				
WABASH COUNTY --- 2.5 S MT CARMEL [38.38, -87.78], 3.3 SSE KEENSBURG [38.30, -87.85], 2.2 ESE COWLING [38.31, -87.89], 0.7 S MT CARMEL [38.41, -87.77], 3.0 NE ALLENDALE [38.56, -87.69], 4.0 ENE ALLENDALE [38.55, -87.65]				
	05/01/11 00:00 CST		50K	Flood (due to Heavy Rain)
	05/26/11 23:00 CST		0	Source: River/Stream Gage
Record flooding occurred on the Wabash River. At the Mount Carmel river gage, the river crested at 34.02 feet on May 3. The old record that was set in the January, 2005 flood was broken by less than an inch. A restaurant was surrounded by water. Some residences were inaccessible due to flooded roadways. Several roads were flooded, even inside the city of Mount Carmel. Backwater from the Wabash River contributed to flooding of Greathouse Creek, which spilled onto a couple of streets and properties in Mount Carmel. Sandbagging was done to reinforce a section of levee.				
WHITE COUNTY --- 2.1 S CONCORD [37.94, -88.12], 2.4 NW NEW HAVEN [37.92, -88.16], 0.4 W SPRINGERTON [38.18, -88.36], 0.5 W MILL SHOALS [38.25, -88.36], 1.3 SW BURNT PRAIRIE [38.23, -88.28], 0.9 E CARMi MUNI ARPT [38.10, -88.13]				
	05/01/11 00:00 CST		0.15M	Flood (due to Heavy Rain)
	05/26/11 22:00 CST		0	Source: River/Stream Gage
Major flooding continued on the Little Wabash River from April. At the Carmi river gage, the river crested at 38.34 feet on May 3. This reading was the second highest on record, missing the record level set in 1961 by only about an inch. Due to flooding of the Little Wabash River, the bridge on Route 1 and several low-lying streets in Carmi were closed. At least ten businesses in East Carmi were flooded. The businesses were closed for up to three weeks. Flooding damaged or cut off access to about 20 homes and a church. Backwater from the Little Wabash River caused major flooding on the Skillet Fork River in the Mill Shoals and Springerton areas. Some sandbagging was done in Mill Shoals, and a section of U.S. 45 was closed. County and city schools were closed.				
WHITE COUNTY --- MAUNIE [38.03, -88.05], 3.0 ENE PHILLIPSTOWN [38.17, -87.97], 4.4 E PHILLIPSTOWN [38.16, -87.94], 3.3 ENE MAUNIE [38.05, -88.00]				
	05/01/11 00:00 CST		0.80M	Flood (due to Heavy Rain)
	05/26/11 16:00 CST		0	Source: River/Stream Gage
Major flooding continued on the Wabash River from April. At the New Harmony (Indiana) river gage, the river crested at 23.67 feet on May 4. This level was the fourth highest crest on record, exceeding the 2005 flood by about six inches. This was the highest level since 1943. Sandbagging began to prevent Wabash River floodwaters from entering the Grayville water plant. Several homes in Grayville were threatened by rising water, and water entered a number of basements. The approach to the bridge to Maunie was washed out. The 172 residents of Maunie were asked to evacuate, but 42 of them did not. An airboat was brought in by Illinois police to shuttle supplies into the isolated community and evacuate medical patients. The airboats were used to assist residents in the communities of Dogtown and Concord that were isolated by floodwaters. In New Haven, a combination of Little Wabash River floodwater and Wabash River backwater flooded more than a dozen homes.				
WILLIAMSON COUNTY --- FREEMAN SPUR [37.85, -89.00], 1.9 NNE BUSH [37.86, -89.12], 0.5 N HURST [37.84, -89.15], 1.3 SSW BLAIRSVILLE [37.80, -89.14]				
	05/01/11 00:00 CST		75K	Flood (due to Heavy Rain)
	05/26/11 20:00 CST		0	Source: Newspaper
Record flooding occurred on the Big Muddy River. At the Murphysboro river gage, the river crested at 40.42 feet on the early morning of May 2. This exceeded the old record set in 1961 by over a foot. At least a few homes at the edge of Herrin sustained major flooding damage. A bridge near Hurst was threatened by the rising river, prompting schools to dismiss early. Water was flowing over the bridge, and the stability of the bridge was uncertain.				

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Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
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Heavy rainfall in March set the stage for major flooding when record-setting rains fell in April and May. At Paducah, 15.91 inches of rain fell in April, which was 10.96 inches above normal. It was not only the wettest April on record, but the wettest month ever recorded at Paducah. In May, 8.74 inches of rain fell. This was 3.99 inches above normal for the month. Paducah had the wettest meteorological spring (March through May) period on record with 31.21 inches. This was 63 percent of the normal for an entire year. At Evansville, April was the second wettest April on record with 11.77 inches. For the season, Evansville had the second wettest meteorological spring with 25.01 inches. The result of all this rain was rapid and dramatic rises on rivers. Record flood crests occurred on some rivers, inundating numerous homes and businesses. There were major impacts to transportation both on land and water. There were numerous closed roads across the region, leading to often lengthy detours. Because of the high water, there were numerous day and nighttime restrictions to barge traffic. Hundreds of thousands of acres of farmland were flooded. Crops were late getting planted.



Aerial photo of the confluence of the Mississippi and Ohio Rivers near Cairo on May 5, more than two days after the activation of the New Madrid Floodway. The U.S. Highway 60 bridges over the Ohio River and Mississippi River are visible. Between the bridges is the southernmost peninsula of Illinois. View is from the Kentucky side of the Ohio River looking across the peninsula to a vast expanse of flooded Missouri farmland. Photo courtesy of Civil Air Patrol.

ALEXANDER COUNTY --- CACHE [37.10, -89.27], 1.3 ENE DISWOOD [37.23, -89.31], 1.2 NE THEBES JCT [37.21, -89.43], 1.2 S WILLARD [37.06, -89.35]

05/01/11 00:00 CST	30K	Flood (due to Heavy Rain)
05/10/11 06:00 CST	0	Source: Trained Spotter

EDWARDS COUNTY --- ALBION [38.38, -88.05], 0.5 W WEST SALEM MUNI ARPT [38.53, -88.04], 2.9 E WEST SALEM [38.52, -87.97], 1.0 WNW BROWNS [38.38, -88.00]

05/01/11 00:00 CST	30K	Flood (due to Heavy Rain)
05/10/11 06:00 CST	0	Source: Trained Spotter

FRANKLIN COUNTY --- 1.5 SE THOMPSONVILLE [37.90, -88.75], 1.9 NNE ROYALTON [37.90, -89.11], 3.1 WSW SESSER [38.08, -89.10], 1.6 NW ODUM SPUR [38.09, -88.77]

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	05/01/11 00:00 CST		30K	Flood (due to Heavy Rain)
	05/10/11 06:00 CST		0	Source: Trained Spotter
GALLATIN COUNTY --- 0.8 W EQUALITY [37.73, -88.35], 2.9 WNW OMAHA [37.90, -88.34], 5.3 NNE INMAN [37.89, -88.12], 1.5 WNW SHAWNEETOWN [37.71, -88.16]				
	05/01/11 00:00 CST		30K	Flood (due to Heavy Rain)
	05/10/11 06:00 CST		0	Source: Trained Spotter
HAMILTON COUNTY --- ADEN [38.23, -88.47], 2.3 NNW DAHLGREN [38.23, -88.70], 4.2 WNW BRADEN [38.02, -88.69], 2.2 ENE NEIPPER CORNER [38.04, -88.43]				
	05/01/11 00:00 CST		30K	Flood (due to Heavy Rain)
	05/10/11 06:00 CST		0	Source: Trained Spotter
HARDIN COUNTY --- CADIZ [37.58, -88.22], 2.6 SSE LAMB [37.49, -88.10], 1.2 NNW ROSICLARE [37.44, -88.36], 0.5 S KARBERS RIDGE [37.57, -88.33]				
	05/01/11 00:00 CST		30K	Flood (due to Heavy Rain)
	05/10/11 06:00 CST		0	Source: Trained Spotter
JACKSON COUNTY --- 1.3 SE BOSKYDELL [37.66, -89.20], 0.3 W JOHNS SPUR [37.67, -89.48], 1.6 SSE DEGONIA [37.83, -89.62], 0.2 NNW DE SOTO [37.82, -89.23]				
	05/01/11 00:00 CST		0.35M	Flood (due to Heavy Rain)
	05/10/11 06:00 CST		0	Source: Trained Spotter
JEFFERSON COUNTY --- 3.4 E SPRING GARDEN [38.18, -88.79], 2.5 S WALTONVILLE [38.18, -89.05], 2.3 NW BOYD [38.45, -89.04], 1.8 E DIVIDE [38.45, -88.80]				
	05/01/11 00:00 CST		30K	Flood (due to Heavy Rain)
	05/10/11 06:00 CST		0	Source: Trained Spotter
JOHNSON COUNTY --- BELKNAP [37.32, -88.93], 1.0 ENE JOPPA JCT [37.33, -89.01], 1.5 SSE ELVIRA [37.48, -89.01], 1.1 WNW SIMPSON [37.48, -88.77], 1.9 W REEVESVILLE [37.35, -88.75]				
	05/01/11 00:00 CST		0.12M	Flood (due to Heavy Rain)
	05/10/11 06:00 CST		0	Source: Trained Spotter
MASSAC COUNTY --- BIG BAY [37.32, -88.72], 2.7 NE BOAZ [37.33, -88.86], 0.6 WNW HILLERMAN [37.23, -88.91], 1.4 W SHADY GROVE [37.12, -88.60]				
	05/01/11 00:00 CST		30K	Flood (due to Heavy Rain)
	05/10/11 06:00 CST		0	Source: Trained Spotter
PERRY COUNTY --- CLINCH [37.97, -89.23], 1.8 SE DENMARK [37.98, -89.48], 1.3 E WINKLE [38.15, -89.46], 1.1 NE TAMAROA [38.14, -89.21]				
	05/01/11 00:00 CST		30K	Flood (due to Heavy Rain)
	05/10/11 06:00 CST		0	Source: Trained Spotter
POPE COUNTY --- ABBOTT [37.57, -88.70], 0.6 SSW DIXON SPGS STATION [37.34, -88.68], 4.0 S ROSEBUD [37.22, -88.58], 2.0 SW GOLCONDA [37.35, -88.50], 0.8 ENE OAK [37.57, -88.51]				
	05/01/11 00:00 CST		30K	Flood (due to Heavy Rain)
	05/10/11 06:00 CST		0	Source: Trained Spotter
PULASKI COUNTY --- AMERICA [37.13, -89.12], 2.7 ESE NEW GRAND CHAIN [37.24, -88.97], 1.0 NNW KARNAK [37.29, -88.98], 1.9 WNW ULLIN [37.28, -89.21], 0.2 NW MOUND CITY [37.08, -89.17]				
	05/01/11 00:00 CST		30K	Flood (due to Heavy Rain)
	05/10/11 06:00 CST		0	Source: Trained Spotter
SALINE COUNTY --- 1.6 W RILEYVILLE [37.85, -88.70], 0.8 ESE STONEFORT [37.62, -88.71], 1.3 W RUDEMENT [37.63, -88.50], 1.1 NE ELDORADO [37.83, -88.42]				
	05/01/11 00:00 CST		60K	Flood (due to Heavy Rain)
	05/10/11 06:00 CST		0	Source: Trained Spotter
UNION COUNTY --- ALDRIDGE [37.55, -89.47], 1.0 ESE REYNOLDSVILLE [37.37, -89.38], 2.0 E DONGOLA [37.37, -89.13], 2.0 WNW LICK CREEK [37.53, -89.10]				

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	05/01/11 00:00 CST		0.50M	Flood (due to Heavy Rain)
	05/10/11 06:00 CST		0	Source: Trained Spotter
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WABASH COUNTY --- 2.9 ENE ALLENDALE [38.54, -87.67], 1.8 WSW LINN [38.54, -87.81], 1.5 SW BELLMONT [38.36, -87.94], 2.6 ESE SCHRODT STATION [38.37, -87.78]				
	05/01/11 00:00 CST		30K	Flood (due to Heavy Rain)
	05/10/11 06:00 CST		0	Source: Trained Spotter
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WAYNE COUNTY --- 1.3 WNW JOHNSONVILLE [38.52, -88.55], 2.9 SE MAYBERRY [38.24, -88.51], 8.6 SSW ELLERY [38.24, -88.22], 1.5 ESE MT ERIE [38.51, -88.20]				
	05/01/11 00:00 CST		30K	Flood (due to Heavy Rain)
	05/10/11 06:00 CST		0	Source: Trained Spotter
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WHITE COUNTY --- 2.6 ENE PHILLIPSTOWN [38.17, -87.98], 3.1 SW SPRINGERTON [38.16, -88.40], 2.7 NW GOSSETT [37.95, -88.40], 1.7 ESE EMMA [37.96, -88.07]				
	05/01/11 00:00 CST		30K	Flood (due to Heavy Rain)
	05/10/11 06:00 CST		0	Source: Trained Spotter
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WILLIAMSON COUNTY --- 4.2 SW CARTERVILLE [37.70, -89.13], 2.0 NE ABSHER [37.70, -88.71], 2.1 NNE CORINTH [37.85, -88.76], 1.9 NNE BUSH [37.85, -89.11]				
	05/01/11 00:00 CST		30K	Flood (due to Heavy Rain)
	05/10/11 06:00 CST		0	Source: Trained Spotter

Widespread flooding continued from April into May across southern Illinois. Following excessive rain in April, a final dose of heavy rain came between April 30 and May 2. Numerous rounds of showers and thunderstorms produced additional average rainfall amounts of 4 to 6 inches. Between 9 and 22 inches of rain fell across the region between April 22 and May 3. Most creeks and streams flooded for an extended period of time. Some of the flooding was major. The Saline River threatened some homes and businesses in parts of Saline County around Muddy, Eldorado, and Harrisburg. In Carbondale, more than 30 mobile homes were flooded at a trailer park that was inundated by Crab Orchard Creek. A disaster proclamation was issued by the governor of Illinois due to the damage from flooding and severe storms. The National Guard was deployed to assist with sandbagging and other operations. Numerous roads were flooded and closed across southern Illinois, including some major state roads. At the peak of the flooding, 41 county and state roads were closed in Williamson County alone. A number of bridges were underwater. About 50,000 acres of farmland was flooded in Hamilton County. The flood damage from creeks and small rivers was considered to be lower than the historic March, 2008 flood in most areas, including Harrisburg. Flood gates installed around Harrisburg prevented a repeat of the massive 2008 flood, but Illinois Route 34 was closed by the flood gate. Businesses in Harrisburg sandbagged in anticipation of possible flooding, but few if any businesses were flooded.

ALEXANDER COUNTY --- FAYVILLE [37.17, -89.43], 2.1 SSE FAYVILLE [37.14, -89.42], 0.5 SW ROTH [37.10, -89.33], 0.8 SSE CLANK [37.17, -89.32]				
	05/02/11 08:00 CST		50K	Flash Flood (due to Dam / Levee Break)
	05/04/11 06:00 CST		0	Source: Emergency Manager

A major breach occurred in the Fayville levee. Despite widespread sandbagging, there was flash flooding across parts of central Alexander County. The communities of Miller City, Olive Branch, and Willard were impacted. Floodwaters covered sections of Illinois Route 3. Many homes and businesses were flooded. Olive Branch was inaccessible, and portions of Illinois Routes 3 and 37 were closed.

Heavy rainfall in March set the stage for major flooding when record-setting rains fell in April and May. At Paducah, 15.91 inches of rain fell in April, which was 10.96 inches above normal. It was not only the wettest April on record, but the wettest month ever recorded at Paducah. In May, 8.74 inches of rain fell. This was 3.99 inches above normal for the month. Paducah had the wettest meteorological spring (March through May) period on record with 31.21 inches. This was 63 percent of the normal for an entire year. At Evansville, April was the second wettest April on record with 11.77 inches. For the season, Evansville had the second wettest meteorological spring with 25.01 inches. The result of all this rain was rapid and dramatic rises on rivers. Record flood crests occurred on some rivers, inundating numerous homes and businesses. There were major impacts to transportation both on land and water. There were numerous closed roads across the region, leading to often lengthy detours. Because of the high water, there were numerous day and nighttime restrictions to barge traffic. Hundreds of thousands of acres of farmland were flooded. Crops were late getting planted.

Storm Data and Unusual Weather Phenomena - May 2011

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
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Aerial photo of the confluence of the Mississippi and Ohio Rivers near Cairo on May 5, more than two days after the activation of the New Madrid Floodway. The U.S. Highway 60 bridges over the Ohio River and Mississippi River are visible. Between the bridges is the southernmost peninsula of Illinois. View is from the Kentucky side of the Ohio River looking across the peninsula to a vast expanse of flooded Missouri farmland. Photo courtesy of Civil Air Patrol.

PULASKI COUNTY --- ULLIN [37.27, -89.18]				
	05/22/11 22:27 CST	0		Hail (0.75 in)
	05/22/11 22:27 CST	0		Source: Emergency Manager
JOHNSON COUNTY --- BUNCOMBE [37.47, -88.97]				
	05/22/11 22:53 CST	0		Hail (0.75 in)
	05/22/11 22:53 CST	0		Source: Trained Spotter
PULASKI COUNTY --- PULASKI [37.22, -89.20]				
	05/22/11 23:02 CST	4K		Thunderstorm Wind (EG 56 kt)
	05/22/11 23:02 CST	0		Source: Trained Spotter
A tree was blown down, blocking a street. A mailbox was blown off a pole.				
A mesoscale convective system tracked eastward across southern Illinois. Moderate instability existed in a corridor ahead of this system, sustaining its eastward progress. Strong and locally damaging winds occurred along the leading edge of the cold pool associated with the system. The strongest cells near the leading edge produced hail.				
EDWARDS COUNTY --- 2.0 N WEST SALEM [38.55, -88.02]				
	05/23/11 14:00 CST	10K		Lightning
	05/23/11 14:00 CST	0		Source: Newspaper
Lightning struck an oil tank battery, causing them to explode.				

Storm Data and Unusual Weather Phenomena - May 2011

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
EDWARDS COUNTY --- BROWNS [38.38, -87.98]				
	05/23/11 14:18 CST		0	Hail (1.00 in)
	05/23/11 14:18 CST		0	Source: Emergency Manager
WABASH COUNTY --- KEENSBURG [38.35, -87.87]				
	05/23/11 14:18 CST		2K	Thunderstorm Wind (EG 52 kt)
	05/23/11 14:18 CST		0	Source: Emergency Manager
Tree limbs were blown down.				
WABASH COUNTY --- MT CARMEL [38.42, -87.77]				
	05/23/11 14:30 CST		0	Hail (0.75 in)
	05/23/11 14:30 CST		0	Source: Trained Spotter
JACKSON COUNTY --- CARBONDALE [37.72, -89.22]				
	05/23/11 15:23 CST		0	Thunderstorm Wind (EG 52 kt)
	05/23/11 15:23 CST		0	Source: Amateur Radio
An amateur radio operator estimated winds gusted up to 60 mph.				
ALEXANDER COUNTY --- CAIRO [37.00, -89.18]				
	05/23/11 15:48 CST		2K	Thunderstorm Wind (EG 52 kt)
	05/23/11 15:48 CST		0	Source: Public
Tree limbs were snapping.				
SALINE COUNTY --- 0.3 E INGRAMS [37.72, -88.57]				
	05/23/11 16:08 CST		3K	Thunderstorm Wind (EG 52 kt)
	05/23/11 16:08 CST		0	Source: Newspaper
Several trees were knocked down just southwest of Harrisburg.				
SALINE COUNTY --- ELDORADO [37.82, -88.43]				
	05/23/11 16:18 CST		50K	Thunderstorm Wind (EG 56 kt)
	05/23/11 16:18 CST		0	Source: Newspaper
At least five large trees were blown down. One house was damaged by a large tree that fell on it. Tree limbs fell on streets and other city property.				
GALLATIN COUNTY --- 1.5 NNE RIDGWAY [37.80, -88.26]				
	05/23/11 16:25 CST		10K	Thunderstorm Wind (EG 70 kt)
	05/23/11 16:25 CST		0	Source: Emergency Manager
Several power poles were blown down.				
GALLATIN COUNTY --- 2.5 SE EQUALITY [37.70, -88.30], 3.5 NE SHAWNEETOWN [37.74, -88.08]				
	05/23/11 16:25 CST		0.25M	Tornado (EF1, L: 11.84 mi , W: 200 yd)
	05/23/11 16:35 CST		0	Source: NWS Storm Survey
Several homes and buildings sustained minor to moderate damage in the Junction and Shawneetown areas. Several barns or sheds were destroyed, and many dozens of trees were uprooted or snapped. Several trained spotters reported seeing a funnel cloud in the Shawneetown area. Peak winds were estimated near 105 mph. The average path width was 150 yards.				
A large cluster of thunderstorms increased in coverage and intensity as it accelerated eastward into a rapidly destabilizing air mass. The activity was closely related to a mid-level shortwave trough moving across Iowa and Missouri, along with a low level wind maximum. The storms were associated with isolated large hail, damaging winds, and a tornado.				
PERRY COUNTY --- PINCKNEYVILLE [38.08, -89.38]				
	05/25/11 16:12 CST		0	Funnel Cloud
	05/25/11 16:12 CST		0	Source: Trained Spotter
SALINE COUNTY --- CARRIERS MILLS [37.68, -88.65], HARRISBURG [37.73, -88.55]				

Storm Data and Unusual Weather Phenomena - May 2011

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	05/25/11 17:23 CST		0	Hail (1.75 in)
	05/25/11 17:23 CST		0	Source: Trained Spotter

Golf-ball size hail fell on Route 13 just west of Harrisburg. Quarter-size hail fell in Carrier Mills. Nickel-size hail fell in Harrisburg.

JEFFERSON COUNTY --- 5.5 WNW WOODLAWN [38.36, -89.12], 2.5 NNE DIX [38.46, -88.91]				
	05/25/11 17:28 CST		4M	Tornado (EF2, L: 13.48 mi , W: 250 yd)
	05/25/11 17:44 CST		0	Source: NWS Storm Survey

At least three houses lost portions of roof substructure, including roof decking. Numerous other homes sustained various degrees of shingle damage. Some houses lost siding. A total of 101 residences sustained damage, with 23 of those homes deemed uninhabitable. A folded up pop-up camper and adjacent shed were blown 50 to 75 feet. Dozens of trees and power poles were snapped. A twin-pole wooden tower carrying high-voltage power lines was leaning. The community of Boyd was directly impacted. In Boyd, a large machine shed/sawmill was destroyed. A church lost some shingles and roofing. There were numerous eyewitnesses and at least one photo of the tornado funnel. Peak winds were estimated near 115 mph. The average path width was 200 yards.

PERRY COUNTY --- DU QUOIN [38.02, -89.23]				
	05/25/11 17:28 CST		0	Thunderstorm Wind (MG 70 kt)
	05/25/11 17:28 CST		0	Source: Unknown

SALINE COUNTY --- HARRISBURG [37.73, -88.55]				
	05/25/11 17:30 CST		0	Funnel Cloud
	05/25/11 17:30 CST		0	Source: Trained Spotter

A supercell thunderstorm produced a cone-shaped funnel cloud that passed directly over Harrisburg. The funnel cloud was well-documented by photographers and videographers. The funnel cloud was associated with a strong tornadic signature on doppler radar. Witnesses reported the funnel cloud was rotating and descending toward the ground as it passed downtown Harrisburg. No touchdowns were observed.

UNION COUNTY --- 2.0 E WARE [37.45, -89.36]				
	05/25/11 17:34 CST		40K	Thunderstorm Wind (EG 60 kt)
	05/25/11 17:34 CST		0	Source: Broadcast Media

Trees and power poles were blown down.

FRANKLIN COUNTY --- MULKEYTOWN [37.97, -89.12]				
	05/25/11 17:38 CST		0	Thunderstorm Wind (EG 70 kt)
	05/25/11 17:38 CST		0	Source: Emergency Manager

Wind gusts were estimated up to 80 mph by emergency management officials.

JACKSON COUNTY --- DE SOTO [37.82, -89.23]				
	05/25/11 17:38 CST		0	Funnel Cloud
	05/25/11 17:38 CST		0	Source: Trained Spotter

UNION COUNTY --- 1.0 NNE ANNA [37.48, -89.24], 3.0 NNE ANNA [37.51, -89.23]				
	05/25/11 17:39 CST		0.15M	Tornado (EF1, L: 2.00 mi , W: 125 yd)
	05/25/11 17:42 CST		0	Source: NWS Storm Survey

Several dozen trees were uprooted or snapped. A vehicle was destroyed by a falling tree. At least a couple of buildings and houses sustained mostly minor roof damage, including the loss of some shingles. Peak winds were estimated near 90 mph. The average path width was 100 yards.

PULASKI COUNTY --- 0.5 SW MOUND CITY [37.07, -89.18], 5.0 NE MOUND CITY [37.13, -89.11]				
	05/25/11 17:40 CST		50K	Tornado (EF1, L: 5.50 mi , W: 250 yd)
	05/25/11 17:47 CST		0	Source: NWS Storm Survey

The tornado moved northeast across Mound City, where much of the damage occurred. One small mobile home was picked up and thrown into a power pole. There was roof damage to several homes, mainly shingles. Numerous trees were uprooted and snapped. The tornado damage path ended at the Ohio River. Peak winds were estimated near 105 mph. The average path width was 200 yards.

ALEXANDER COUNTY --- 1.0 W URBANDALE [37.05, -89.20]				
	05/25/11 17:45 CST		0	Funnel Cloud
	05/25/11 17:45 CST		0	Source: Emergency Manager

Storm Data and Unusual Weather Phenomena - May 2011

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
The funnel cloud was reported north of Cairo along Interstate 57.				
JACKSON COUNTY --- CARBONDALE [37.72, -89.22]				
	05/25/11 17:45 CST		20K	Thunderstorm Wind (EG 52 kt)
	05/25/11 17:45 CST		0	Source: Newspaper
Numerous large tree limbs were blown down onto streets and power lines.				
PULASKI COUNTY --- 1.5 SE PULASKI [37.20, -89.18], 6.5 NW GRAND CHAIN [37.34, -89.10]				
	05/25/11 17:45 CST		40K	Tornado (EF1, L: 10.04 mi , W: 120 yd)
	05/25/11 17:58 CST		0	Source: NWS Storm Survey
Mainly tree damage was observed. Some trees were uprooted and snapped. One small shed was damaged. There was minor damage to business roofs in Pulaski. Some straight-line wind damage was observed on the southeast end of the path. Peak winds were estimated near 90 mph. The average path width was 100 yards.				
UNION COUNTY --- ANNA [37.47, -89.25], JONESBORO [37.45, -89.27]				
	05/25/11 17:46 CST		90K	Thunderstorm Wind (EG 61 kt)
	05/25/11 17:46 CST		0	Source: Public
Portable garage buildings were rolled over in Anna. A tree fell on a house in Anna, causing heavy damage to the roof. At Jonesboro, an antenna was ripped off the city hall, leaving a hole in the building. Bricks were blown off the Jonesboro city hall building, and there was some roof damage. Trees and power lines were blown down. Tree limbs fell on houses in Jonesboro.				
WILLIAMSON COUNTY --- HURST [37.83, -89.15]				
	05/25/11 17:46 CST		0	Funnel Cloud
	05/25/11 17:46 CST		0	Source: Trained Spotter
JEFFERSON COUNTY --- 1.0 NE MT VERNON [38.33, -88.89]				
	05/25/11 17:47 CST		0	Thunderstorm Wind (EG 52 kt)
	05/25/11 17:47 CST		0	Source: Trained Spotter
A trained spotter estimated wind gusts up to 60 mph.				
WILLIAMSON COUNTY --- 1.0 W COLP [37.80, -89.10]				
	05/25/11 17:53 CST		0	Thunderstorm Wind (MG 52 kt)
	05/25/11 17:53 CST		0	Source: Trained Spotter
UNION COUNTY --- 5.0 E COBDEN [37.53, -89.16]				
	05/25/11 17:54 CST		40K	Thunderstorm Wind (EG 65 kt)
	05/25/11 17:54 CST		0	Source: Emergency Manager
A mobile home was flipped over. A large maple tree about three feet in diameter was uprooted. A two-foot tree was snapped in half. A small apple tree was uprooted.				
PULASKI COUNTY --- 2.6 SE NEW GRAND CHAIN [37.22, -88.99], 2.1 SE KARNAK [37.26, -88.94]				
	05/25/11 17:55 CST		30K	Tornado (EF0, L: 3.82 mi , W: 80 yd)
	05/25/11 17:59 CST		0	Source: NWS Storm Survey
The tornado was very weak as it touched down along the Ohio River. In this area, trees were uprooted, and a few trees were snapped. At a campground east of Grand Chain, several campers were damaged, and one was overturned. Peak winds were estimated near 70 mph. The tornado remained weak as it crossed into Massac County.				
WILLIAMSON COUNTY --- HERRIN [37.80, -89.03]				
	05/25/11 17:55 CST		20K	Thunderstorm Wind (EG 56 kt)
	05/25/11 17:55 CST		0	Source: Emergency Manager
A half dozen trees were blown down. Widespread power outages were reported throughout the community due to blown transformers.				
SALINE COUNTY --- 0.9 NW TISON [37.89, -88.53]				
	05/25/11 17:56 CST		0	Hail (0.88 in)
	05/25/11 17:56 CST		0	Source: Trained Spotter

Storm Data and Unusual Weather Phenomena - May 2011

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
MASSAC COUNTY --- 3.1 NW HILLERMAN [37.26, -88.94], 3.6 WNW SAMOTH [37.34, -88.84]				
	05/25/11 17:59 CST		0.15M	Tornado (EF2, L: 7.98 mi , W: 325 yd)
	05/25/11 18:07 CST		0	Source: NWS Storm Survey
<p>The tornado gained strength after crossing into Massac County from Pulaski County. North of the Mermet Lake Conservation Area, the tornado reached peak intensity. A barn was destroyed, and debris was thrown several hundred yards. Two grain bins were destroyed, including one that was thrown over 265 yards. Other small outbuildings were destroyed. There was minor to moderate damage to four homes from falling trees and strong winds. As the tornado moved northeast, it damaged a house near the Massac/Johnson County line. The back porch was ripped off. Trees were snapped and thrown into a vehicle and garage. There was roof, siding, soffit, and shutter damage to the home as well. In a nearby field, an irrigation system was overturned. The tornado funnel was photographed from a residence near Round Knob. Peak winds were estimated near 115 mph. The average path width was 300 yards. The tornado continued northeast into Johnson County.</p>				
FRANKLIN COUNTY --- BENTON [38.00, -88.92]				
	05/25/11 18:00 CST		9K	Thunderstorm Wind (EG 52 kt)
	05/25/11 18:00 CST		0	Source: Newspaper
<p>A few trees were blown down. Two of the trees took down power lines.</p>				
WILLIAMSON COUNTY --- 0.8 NNW SCOTSBORO [37.74, -88.96]				
	05/25/11 18:00 CST		0	Funnel Cloud
	05/25/11 18:00 CST		0	Source: Trained Spotter
<p>The funnel cloud was reported at Interstate 57 and Highway 13.</p>				
FRANKLIN COUNTY --- 1.4 S ORIENT [37.90, -88.98]				
	05/25/11 18:01 CST		0	Thunderstorm Wind (EG 70 kt)
	05/25/11 18:01 CST		0	Source: Law Enforcement
<p>A state trooper estimated wind gusts up to 80 mph.</p>				
JOHNSON COUNTY --- VIENNA [37.42, -88.90]				
	05/25/11 18:03 CST		50K	Thunderstorm Wind (EG 52 kt)
	05/25/11 18:03 CST		0	Source: Newspaper
<p>A house in Vienna received major structural damage as a large uprooted tree fell across the middle of it. Extensive water damage occurred as rain fell through a hole in the roof. A parked car was crushed by a falling tree.</p>				
MASSAC COUNTY --- 2.3 SSW BOAZ [37.27, -88.91]				
	05/25/11 18:03 CST		8K	Thunderstorm Wind (EG 56 kt)
	05/25/11 18:03 CST		0	Source: Law Enforcement
<p>Several large trees were blown down in the far western part of the county.</p>				
JOHNSON COUNTY --- GOREVILLE [37.55, -88.97]				
	05/25/11 18:05 CST		40K	Thunderstorm Wind (EG 61 kt)
	05/25/11 18:05 CST		0	Source: Trained Spotter
<p>Multiple trees were blown down. Some homes received minor damage.</p>				
JOHNSON COUNTY --- 1.3 WSW CROSSROADS [37.34, -88.84], 2.5 NE GRANTSBURG [37.41, -88.72]				
	05/25/11 18:07 CST		75K	Tornado (EF1, L: 8.07 mi , W: 200 yd)
	05/25/11 18:14 CST		0	Source: NWS Storm Survey
<p>The tornado crossed into Johnson County from Massac County in the vicinity of Interstate 24. A barn was destroyed just before where the tornado crossed Interstate 24. Significant tree damage was observed near the community of Ganntown, where trees were snapped and uprooted and a home had minor damage. The metal roof of the house was damaged. On the west side of Grantsburg, a 20-by-50 foot pole barn was destroyed, and swirls were seen in tall grass. Near the end of the damage path in the Shawnee National Forest, over 100 trees were snapped or uprooted. Peak winds were estimated near 100 mph. The average path width was 150 yards.</p>				
WHITE COUNTY --- 1.0 S CARMi [38.07, -88.17]				

Storm Data and Unusual Weather Phenomena - May 2011

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	05/25/11 18:10 CST		0	Funnel Cloud
	05/25/11 18:10 CST		0	Source: Trained Spotter
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JOHNSON COUNTY --- 1.0 N TUNNEL HILL [37.53, -88.83]				
	05/25/11 18:12 CST		30K	Thunderstorm Wind (EG 61 kt)
	05/25/11 18:12 CST		0	Source: Newspaper
A barn was scattered across U.S. Highway 45. Several roads were closed due to trees across them.				
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WHITE COUNTY --- 2.0 N CARMi [38.11, -88.17]				
	05/25/11 18:14 CST		0	Funnel Cloud
	05/25/11 18:14 CST		0	Source: Trained Spotter
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MASSAC COUNTY --- ROUND KNOB [37.25, -88.75]				
	05/25/11 18:15 CST		0	Thunderstorm Wind (MG 56 kt)
	05/25/11 18:20 CST		0	Source: Emergency Manager
Measured wind gusts from 60 to 65 mph persisted for several minutes.				
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WHITE COUNTY --- GRAYVILLE [38.27, -88.00], 1.2 WSW GRAYVILLE [38.27, -88.02]				
	05/25/11 18:15 CST		10K	Heavy Rain
	05/25/11 19:15 CST		0	Source: Newspaper
Heavy rains poured beneath the back doors of a restaurant and bar, flooding both establishments. Estimates placed 2.5 to 3 inches of rain of rain in about 30 minutes.				
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POPE COUNTY --- 2.2 SSE BRISTOL [37.42, -88.71], 1.6 NNE GLENDALE [37.47, -88.66]				
	05/25/11 18:16 CST		0.12M	Thunderstorm Wind (EG 87 kt)
	05/25/11 18:18 CST		0	Source: NWS Storm Survey
A major downburst with winds up to 100 mph occurred. Part of the roof was torn off a house, including the decking. The front porch was blown off the house. A hog barn was unroofed, and a grain bin was blown over. A pole barn and a cattle barn were destroyed. At least a dozen trees were snapped or uprooted.				
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SALINE COUNTY --- CARRIERS MILLS [37.68, -88.65]				
	05/25/11 18:19 CST		20K	Thunderstorm Wind (EG 52 kt)
	05/25/11 18:19 CST		0	Source: Newspaper
Numerous trees and tree limbs were blown down.				
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HAMILTON COUNTY --- THACKERAY [38.12, -88.45]				
	05/25/11 18:22 CST		0	Funnel Cloud
	05/25/11 18:22 CST		0	Source: Emergency Manager
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MASSAC COUNTY --- METROPOLIS [37.15, -88.73]				
	05/25/11 18:22 CST		10K	Thunderstorm Wind (MG 55 kt)
	05/25/11 18:22 CST		0	Source: Emergency Manager
A tree was blown down on a mobile home. A wind gust was measured to 63 mph.				
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WHITE COUNTY --- 2.0 SW ENFIELD [38.08, -88.36]				
	05/25/11 18:25 CST		10K	Thunderstorm Wind (EG 61 kt)
	05/25/11 18:25 CST		0	Source: Newspaper
The roof of a home was damaged.				
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SALINE COUNTY --- 7.0 W HARRISBURG [37.73, -88.68], HARRISBURG [37.73, -88.55]				
	05/25/11 18:26 CST		80K	Thunderstorm Wind (EG 70 kt)
	05/25/11 18:30 CST		0	Source: Emergency Manager

Storm Data and Unusual Weather Phenomena - May 2011

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
In Harrisburg, numerous trees were blown down, and signs were blown over. Several roofs were damaged. Siding was ripped off a building. The area of greatest damage was in a neighborhood on the southeast side of Harrisburg, where a microburst about one mile long and one-third mile wide downed hundreds of trees and limbs. A garage was flattened by an uprooted tree. Winds in the microburst were estimated near 75 mph. A trained spotter seven miles west of Harrisburg estimated winds gusted to 60 mph.				

GALLATIN COUNTY --- 0.3 S EQUALITY [37.73, -88.33], 0.8 N LAWLER [37.74, -88.28]

05/25/11 18:36 CST	0.40M	Thunderstorm Wind (EG 78 kt)
05/25/11 18:42 CST	0	Source: NWS Storm Survey

A microburst with estimated peak winds near 90 mph struck the south side of Equality and continued northeast to the intersection of Highways 13 and 1. The path width averaged about one-half mile. Two mobile homes were destroyed and a barn was levelled on the south side of Equality. A section of metal roof about 250 feet long was blown off the county high school near the intersection of Illinois Routes 13 and 1. Several other homes sustained mainly minor roof damage. Trees and tree limbs were blown down throughout the area.

SALINE COUNTY --- ELDORADO [37.82, -88.43]

05/25/11 18:36 CST	0.10M	Thunderstorm Wind (EG 56 kt)
05/25/11 18:36 CST	0	Source: Newspaper

A 100-year-old oak tree was uprooted, taking power and phone lines down. The tree roots damaged a water main, causing water levels in the town's water tower to drop sharply. Numerous streets were blocked by downed trees and limbs around town. Four power poles were broken by downed trees. In downtown Eldorado, hundreds of roofing shingles littered the streets.

WABASH COUNTY --- MT CARMEL [38.42, -87.77]

05/25/11 18:40 CST	0	Funnel Cloud
05/25/11 18:40 CST	0	Source: Trained Spotter

WABASH COUNTY --- 0.5 E BELLMONT [38.38, -87.91]

05/25/11 18:43 CST	0	Funnel Cloud
05/25/11 18:43 CST	0	Source: Trained Spotter

WABASH COUNTY --- 0.5 E BELLMONT [38.38, -87.91]

05/25/11 18:43 CST	0	Hail (1.25 in)
05/25/11 18:43 CST	0	Source: Trained Spotter

WHITE COUNTY --- GRAYVILLE [38.27, -88.00]

05/25/11 18:45 CST	25K	Thunderstorm Wind (EG 61 kt)
05/25/11 18:45 CST	0	Source: Newspaper

A commercial building was damaged in downtown Grayville. A portion of the front of the building collapsed. Windows were broken. Doors were blown in. Numerous trees were knocked down. One tree fell onto a porch, causing extensive damage. Another tree landed on a mobile home, but damage was minimal.

EDWARDS COUNTY --- ALBION [38.38, -88.05]

05/25/11 18:46 CST	40K	Thunderstorm Wind (EG 56 kt)
05/25/11 18:46 CST	0	Source: Trained Spotter

Trees were blown down. One tree landed on a mobile home just south of the city.

WABASH COUNTY --- MT CARMEL [38.42, -87.77]

05/25/11 19:00 CST	15K	Thunderstorm Wind (EG 52 kt)
05/25/11 19:00 CST	0	Source: Newspaper

Numerous tree limbs and a couple of trees were blown down. One uprooted tree fell onto the back end of a school bus. Tree limbs fell on power lines, causing scattered power outages.

Numerous strong to severe thunderstorms occurred in the warm sector of a low pressure system over central Missouri. The air mass in the warm sector was very unstable, with afternoon mixed-layer cape values in the 2500 to 4000 j/kg range. A 65 to 75 knot mid level jet was located across Arkansas, with the nose of the jet moving into western Kentucky. This feature enhanced the lift and strong deep-layer shear already in place, creating an environment very favorable for supercells and tornadoes. A 40 to 55 knot low level jet across eastern Arkansas moved into western Kentucky during the evening, resulting in isolated tornadoes and widespread damaging winds.

Storm Data and Unusual Weather Phenomena - May 2011

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
INDIANA, Southwest				
GIBSON COUNTY --- 1.2 SSE EAST MT CARMEL [38.39, -87.72], 1.8 ENE LYLE [38.38, -87.62], 3.8 NE PRINCETON [38.39, -87.52], 2.7 ESE PATOKA [38.41, -87.53]				
	05/01/11 00:00 CST		0.10M	Flood (due to Heavy Rain)
	05/30/11 04:00 CST		0	Source: River/Stream Gage
Record flooding occurred on the Patoka River. At the river gage near Patoka, the river crested at 24.89 feet on May 4. This crest broke the old record set in 1996 by about six inches. State and county roads were closed.				
GIBSON COUNTY --- 3.2 WSW CRAWLEYVILLE [38.26, -87.89], 3.1 SSE CRAWLEYVILLE [38.24, -87.82], 4.5 NW PATOKA [38.47, -87.64], 4.6 N EAST MT CARMEL [38.47, -87.74]				
	05/01/11 00:00 CST		0.20M	Flood (due to Heavy Rain)
	05/26/11 22:00 CST		0	Source: River/Stream Gage
Record flooding occurred on the Wabash River. At the Mount Carmel, Illinois river gage, the river crested at 34.02 feet on May 3. The old record that was set in the January, 2005 flood was broken by less than an inch. Extensive flooding of farmland occurred near the Wabash River, especially near the confluence with the flooded White River. A number of lowland residents were evacuated. Many roadways were closed.				
GIBSON COUNTY --- HAZLETON [38.48, -87.53], 1.6 ENE EAST MT CARMEL [38.41, -87.70], 1.4 NNE EAST MT CARMEL [38.42, -87.72], 1.7 NNE HAZLETON [38.50, -87.52]				
	05/01/11 00:00 CST		0.40M	Flood (due to Heavy Rain)
	05/18/11 18:00 CST		0	Source: River/Stream Gage
Major flooding continued on the White River from April. At the Hazleton river gage, the river crested at 29.80 feet on May 4. This was tied for the fourth highest crest on record, and less than two feet below the January, 2005 flood. Boils occurred in the Hazleton levee. Since the levee was upgraded after the January, 2005 flood, it was able to withstand a crest of 31.5 feet. Local levees were at critical levels. Flood fighting and/or evacuations were in progress. Oil fields and residential areas on the river side of the levees flooded extensively. Many evacuations or relocations were necessary. Water was more than 3 feet deep in the west end of Hazleton. People in residential cabins on the riverward side of the levee relocated. Many local roads were completely impassable. Oil fields were inaccessible. Water pumps were installed on the west end of Hazleton. Extensive river flooding occurred in northern Gibson County. Numerous county roads were flooded.				
PIKE COUNTY --- 0.9 WSW AYRSHIRE [38.37, -87.25], 1.1 NW AYRSHIRE [38.39, -87.25], 3.1 E WINSLOW [38.38, -87.16], 2.3 NNE AUGUSTA [38.36, -87.17]				
	05/01/11 00:00 EST		10K	Flood (due to Heavy Rain)
	05/30/11 04:00 EST		0	Source: NWS Employee
Record flooding occurred on the Patoka River. There was extensive sandbagging in Winslow.				
PIKE COUNTY --- PETERSBURG [38.50, -87.28], 1.3 N BOWMAN [38.52, -87.35], 2.7 N BOWMAN [38.54, -87.35], 1.0 NNW PETERSBURG [38.51, -87.28], 3.0 NE PETERSBURG [38.53, -87.25], 2.3 NE PETERSBURG [38.52, -87.24]				
	05/01/11 00:00 EST		0.30M	Flood (due to Heavy Rain)
	05/16/11 22:00 EST		0	Source: River/Stream Gage
Major flooding continued on the White River from April. At the Petersburg river gage, the river crested at 26.88 feet on May 3. This was the fifth highest crest on record, and less than a foot below the January, 2005 flood. The Dodge City area flooded extensively. Levees were monitored, but no major problems were reported. Numerous roads flooded. Flood waters approached State Road 56 near Bowman. Livestock were moved. Several bottomland roads were flooded, some by several feet of water. Flooded roads east of State Route 57 included County Roads 750N, 600N, and 1000E. Pike County roads flooded west of State Route 57 included County Roads 250W, 400W, 675N, 700N, 1000W, 900W, 700W, and 775W.				
POSEY COUNTY --- MT VERNON [37.93, -87.90], 1.3 SW MT VERNON [37.92, -87.92], 6.4 SW HOVEY [37.83, -88.01], 8.0 SSW HOVEY [37.80, -88.01], 6.7 S HOVEY [37.80, -87.92]				
	05/01/11 00:00 CST		0.30M	Flood (due to Heavy Rain)
	05/21/11 15:00 CST		0	Source: River/Stream Gage
Moderate flooding continued on the Ohio River from April. At the Mount Vernon river gage, the river crested at 51.80 feet on May 5. This was the 3rd highest crest on record, and almost two feet above the 1997 flood. Miles of farmland were submerged by the Ohio River, especially near the confluence of the flooded Wabash River.				
POSEY COUNTY --- NEW HARMONY [38.13, -87.93], 1.9 SW SAVAH [38.00, -88.01], 0.7 SSW SAVAH [38.01, -87.98], 2.4 SSE GRIFFIN [38.17, -87.90]				
	05/01/11 00:00 CST		0.20M	Flood (due to Heavy Rain)
	05/26/11 23:00 CST		0	Source: River/Stream Gage

Storm Data and Unusual Weather Phenomena - May 2011

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
Major flooding continued on the Wabash River from April. At the New Harmony river gage, the river crested at 23.67 feet on May 4. This level was the fourth highest crest on record, exceeding the 2005 flood by about six inches. This was the highest level since 1943. The National Guard assisted with sandbagging efforts along the Wabash River in the New Harmony area. Miles of farmland were flooded near the confluence of the Wabash and Ohio Rivers, both of which were well above flood stage. A number of lowland residents were evacuated. Many roads were closed. Some communities were accessible by boat only.				
SPENCER COUNTY --- ROCKPORT [37.88, -87.05], 2.3 SSW AFRICA [37.80, -87.08], 2.5 S AFRICA [37.79, -87.07], 0.9 SE ROCKPORT [37.87, -87.04]				
	05/01/11 00:00 CST		0	Flood (due to Heavy Rain)
	05/15/11 08:00 CST		0	Source: River/Stream Gage
Moderate flooding continued on the Ohio River from April. The river slowly fell after cresting in late April. Some agricultural land was flooded, forcing farmers to delay planting.				
VANDERBURGH COUNTY --- 3.9 S SMYTHE [37.94, -87.48], 5.3 S SMYTHE [37.92, -87.47], 4.8 E VAUGHAN [37.90, -87.54], 5.2 W VAUGHAN [37.90, -87.72], 3.0 WNW CYPRESS [37.94, -87.68]				
	05/01/11 00:00 CST		1M	Flood (due to Heavy Rain)
	05/11/11 17:00 CST		0	Source: River/Stream Gage
Minor flooding continued on the Ohio River from April. At the Evansville river gage, the river crested at 46.78 feet on May 5. This was the 8th highest crest on record, and less than a foot below the 1997 flood. Ohio River floodwaters backed up into Pigeon Creek in the Evansville area. Widespread flooding of fields and some farm buildings occurred along Pigeon Creek, especially near Interstate 164. About 40 to 50 homes near Pigeon Creek were sandbagged or evacuated. At least 35 to 40 roads were underwater and closed. A truss bridge spanning Pigeon Creek at the mouth of the Ohio River was partially underwater. Another bridge over Pigeon Creek on the northeast side of Evansville was under about eight inches of water.				
WARRICK COUNTY --- NEWBURGH [37.95, -87.42], 0.6 S NEWBURGH [37.94, -87.42], 2.9 ESE NEWBURGH [37.93, -87.37], 2.8 ESE NEWBURGH [37.93, -87.37]				
	05/01/11 00:00 CST		20K	Flood (due to Heavy Rain)
	05/16/11 09:00 CST		0	Source: River/Stream Gage
Moderate flooding continued on the Ohio River from April. At the Newburgh river gage, the river continued to fall after cresting at 49.08 feet in late April. Part of Indiana Route 66 about one mile downriver from the dam was flooded. Highway 662 was flooded near the old lock and dam. Some low-lying agricultural land was flooded, forcing farmers to delay planting.				
Heavy rainfall in March set the stage for major flooding when near-record rains fell in April and May. At Evansville, April was the second wettest April on record with 11.77 inches. For the season, Evansville had the second wettest meteorological spring (March through May) with 25.01 inches. The result of all this rain was rapid and dramatic rises on rivers. Record flood crests occurred on some rivers, inundating numerous homes and businesses. There were major impacts to transportation both on land and water. There were numerous closed roads across the region, leading to often lengthy detours. Because of the high water, there were numerous day and nighttime restrictions to barge traffic. Hundreds of thousands of acres of farmland were flooded. Crops were late getting planted.				
GIBSON COUNTY --- 4.3 NNE EAST MT CARMEL [38.46, -87.70], 4.8 SSW CRAWLEYVILLE [38.22, -87.88], 1.5 S BUCKSKIN [38.21, -87.42], 2.4 ESE WHEELING [38.41, -87.41]				
	05/01/11 00:00 CST		30K	Flood (due to Heavy Rain)
	05/10/11 06:00 CST		0	Source: Trained Spotter
PIKE COUNTY --- ALFORD [38.48, -87.25], 2.9 WNW IVY [38.52, -87.17], 1.8 SE STENDAL [38.25, -87.13], 1.7 S CLAYBANK [38.26, -87.30], 1.9 ESE BOWMAN [38.49, -87.32]				
	05/01/11 00:00 EST		30K	Flood (due to Heavy Rain)
	05/10/11 06:00 EST		0	Source: Trained Spotter
POSEY COUNTY --- 1.4 NNE NEW HARMONY [38.15, -87.92], 3.9 WNW HOVEY [37.91, -88.00], 3.8 W WEST FRANKLIN [37.89, -87.79], 1.2 W CYNTHIANA [38.18, -87.72]				
	05/01/11 00:00 CST		30K	Flood (due to Heavy Rain)
	05/10/11 06:00 CST		0	Source: Trained Spotter
SPENCER COUNTY --- AFRICA [37.83, -87.07], 1.9 W EUREKA [37.88, -87.25], 5.7 NW PIGEON [38.17, -87.13], 1.4 ENE ST MEINRAD [38.18, -86.80]				
	05/01/11 00:00 CST		30K	Flood (due to Heavy Rain)
	05/10/11 06:00 CST		0	Source: Trained Spotter
VANDERBURGH COUNTY --- 0.4 E NISBET [38.15, -87.64], 2.5 NNW ELLIOTT [38.15, -87.49], 3.9 S SMYTHE [37.94, -87.47], 3.0 W CYPRESS [37.93, -87.68]				

Storm Data and Unusual Weather Phenomena - May 2011

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	05/01/11 00:00 CST		30K	Flood (due to Heavy Rain)
	05/10/11 06:00 CST		0	Source: Trained Spotter
WARRICK COUNTY --- 0.9 WSW NEWBURGH [37.94, -87.43], 0.3 SSE ELBERFELD [38.17, -87.45], 2.0 W HEILMAN [38.17, -87.12], 4.1 SE YANKEETOWN [37.88, -87.25]				
	05/01/11 00:00 CST		30K	Flood (due to Heavy Rain)
	05/10/11 06:00 CST		0	Source: Trained Spotter
VANDEBURGH COUNTY --- EVANSVILLE [37.98, -87.55], 3.1 NW BELKNAP [38.01, -87.73], 3.1 WNW MARTIN [38.15, -87.72], 1.0 S STACER [38.14, -87.57]				
	05/02/11 03:15 CST		80K	Flash Flood (due to Heavy Rain)
	05/02/11 07:15 CST		0	Source: Emergency Manager
Two trailer parks were flooded. One of the trailer parks had about four feet of water, and the other had between two and three feet. The flooding was due to a swollen creek. Two main roads were closed in Evansville, including State Route 66.				
Widespread flooding continued from April into May across southwest Indiana. Following excessive rain in April, a final dose of heavy rain came between April 30 and May 2. Numerous rounds of showers and thunderstorms produced additional average rainfall amounts of 4 to 6 inches, causing isolated flash flooding. Between 9 and 22 inches of rain fell across the region between April 22 and May 3. Most creeks and streams flooded for an extended period of time. Some of the flooding was major. Numerous roads were flooded and closed, including some major state roads. Due to vehicles driving into flooded areas, some water rescues were conducted. Some evacuations were conducted, and homes were sandbagged. In southeast Gibson County, flooding along Pigeon Creek and Smith Fork forced the evacuation of at least one residence.				
GIBSON COUNTY --- PRINCETON [38.35, -87.57]				
	05/23/11 14:28 CST		0	Thunderstorm Wind (EG 52 kt)
	05/23/11 14:28 CST		0	Source: Trained Spotter
A wind gust to 60 mph was estimated by a trained spotter.				
GIBSON COUNTY --- PRINCETON [38.35, -87.57]				
	05/23/11 14:35 CST		0	Hail (1.00 in)
	05/23/11 14:35 CST		0	Source: Trained Spotter
GIBSON COUNTY --- OAKLAND CITY [38.33, -87.35]				
	05/23/11 14:47 CST		0	Hail (1.25 in)
	05/23/11 14:47 CST		0	Source: Trained Spotter
VANDEBURGH COUNTY --- 0.2 NNE BELKNAP [37.98, -87.68]				
	05/23/11 14:57 CST		0	Hail (1.00 in)
	05/23/11 14:57 CST		0	Source: Trained Spotter
Nickel to quarter-size hail fell at the University of Southern Indiana.				
PIKE COUNTY --- WINSLOW [38.38, -87.22]				
	05/23/11 16:00 EST		0	Hail (0.75 in)
	05/23/11 16:00 EST		0	Source: Unknown
PIKE COUNTY --- WINSLOW [38.38, -87.22]				
	05/23/11 16:00 EST		4K	Thunderstorm Wind (EG 52 kt)
	05/23/11 16:00 EST		0	Source: Unknown
Several trees and limbs were blown down.				
A large cluster of thunderstorms increased in coverage and intensity as it accelerated eastward into a rapidly destabilizing air mass. The activity was closely related to a mid-level shortwave trough moving across Iowa and Missouri, along with a low level wind maximum. The storms were associated with isolated large hail and damaging winds.				
POSEY COUNTY --- MT VERNON [37.93, -87.90]				
	05/25/11 18:55 CST		20K	Thunderstorm Wind (MG 79 kt)
	05/25/11 18:55 CST		0	Source: County Official

Storm Data and Unusual Weather Phenomena - May 2011

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
Trees were blown down. Wind gusts were measured to 91 mph.				
GIBSON COUNTY --- 2.3 ESE EAST MT CARMEL [38.39, -87.69]				
	05/25/11 18:58 CST		0	Funnel Cloud
	05/25/11 18:58 CST		0	Source: Law Enforcement
POSEY COUNTY --- ST PHILIP [37.98, -87.72]				
	05/25/11 19:00 CST		0	Funnel Cloud
	05/25/11 19:00 CST		0	Source: Trained Spotter
GIBSON COUNTY --- PRINCETON [38.35, -87.57]				
	05/25/11 19:08 CST		0	Thunderstorm Wind (EG 61 kt)
	05/25/11 19:08 CST		0	Source: Trained Spotter
Wind gusts were estimated from 60 to 70 mph by a trained spotter.				
POSEY COUNTY --- 3.1 SSE CYNTHIANA [38.14, -87.68], 3.4 SE CYNTHIANA [38.14, -87.66]				
	05/25/11 19:09 CST		40K	Tornado (EF2, L: 1.17 mi , W: 125 yd)
	05/25/11 19:10 CST		0	Source: NWS Storm Survey
The tornado started north of St. Wendell, where trees were damaged along with a machine shed. As it moved across Highway 65, high-tension power lines were taken down. Peak winds were estimated near 125 mph. The tornado continued moving northeast into Vanderburgh County.				
VANDERBURGH COUNTY --- 0.5 SW NISBET [38.14, -87.66], 1.9 NE NISBET [38.17, -87.62]				
	05/25/11 19:10 CST		0.10M	Tornado (EF2, L: 2.33 mi , W: 125 yd)
	05/25/11 19:13 CST		0	Source: NWS Storm Survey
The tornado entered Vanderburgh County from Posey County and remained in Vanderburgh County for just a short time. Structures were destroyed at a small airfield. The tornado crossed Interstate 64 north of Nisbet into Gibson County. Peak winds were estimated near 125 mph. The average path width was 100 yards.				
GIBSON COUNTY --- 2.5 WSW ST JAMES [38.17, -87.62], 5.0 NE HAUBSTADT [38.25, -87.50]				
	05/25/11 19:13 CST		0.10M	Tornado (EF2, L: 8.67 mi , W: 125 yd)
	05/25/11 19:25 CST		0	Source: NWS Storm Survey
The tornado crossed into Gibson County from Vanderburgh County near Interstate 64. At a farm north of Interstate 64, a house was severely damaged and four barns were destroyed. In Haubstadt, power poles were snapped off at the base. Peak winds were estimated near 125 mph. The average path width was 100 yards.				
VANDERBURGH COUNTY --- ST JOSEPH [38.07, -87.65], EVANSVILLE [37.98, -87.55]				
	05/25/11 19:15 CST		50K	Thunderstorm Wind (EG 70 kt)
	05/25/11 19:25 CST		0	Source: Emergency Manager
Widespread damage to trees and power lines occurred in Evansville and surrounding suburbs. Power poles were down. Much of the west side of the metro area was without power. A wind gust to 75 mph was measured by the automated observing system at the Evansville airport.				
WARRICK COUNTY --- 2.0 SW ELBERFELD [38.15, -87.48], ELBERFELD [38.17, -87.45]				
	05/25/11 19:24 CST		50K	Thunderstorm Wind (EG 61 kt)
	05/25/11 19:26 CST		0	Source: NWS Storm Survey
Several large trees were uprooted, and dozens of large tree limbs were down throughout town. Some shingles were blown off the fire station. A large tree fell on a garage.				
GIBSON COUNTY --- 0.5 E BUCKSKIN [38.23, -87.41]				
	05/25/11 19:25 CST		0	Funnel Cloud
	05/25/11 19:25 CST		0	Source: Trained Spotter
WARRICK COUNTY --- BOONVILLE [38.05, -87.27]				
	05/25/11 19:30 CST		50K	Thunderstorm Wind (EG 61 kt)
	05/25/11 19:30 CST	1	0	Source: Trained Spotter

A large tree fell on a home, injuring one person. Multiple large trees were down on the south side of town.

Storm Data and Unusual Weather Phenomena - May 2011

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
SPENCER COUNTY --- ROCKPORT [37.88, -87.05]				
	05/25/11 19:51 CST		0	Funnel Cloud
	05/25/11 19:51 CST		0	Source: Trained Spotter
SPENCER COUNTY --- ROCKPORT [37.88, -87.05], GRANDVIEW [37.93, -86.98]				
	05/25/11 19:52 CST		50K	Thunderstorm Wind (EG 56 kt)
	05/25/11 19:54 CST		0	Source: Trained Spotter
Trees and power lines were blown down in Rockport. Roofs were damaged in Grandview, and fire station doors were damaged.				
SPENCER COUNTY --- ROCKPORT [37.88, -87.05]				
	05/25/11 20:10 CST		0	Thunderstorm Wind (MG 54 kt)
	05/25/11 20:10 CST		0	Source: Trained Spotter
PIKE COUNTY --- 0.9 NW COE [38.31, -87.26], 1.6 SSE ARTHUR [38.33, -87.24]				
	05/25/11 20:35 EST		0	Tornado (EF2, L: 1.64 mi , W: 200 yd)
	05/25/11 20:37 EST		0	Source: NWS Storm Survey
Thousands of large trees were snapped or uprooted on mine reclamation land north of County Road 900. Peak winds were estimated near 120 mph.				
PIKE COUNTY --- 0.5 N COE [38.31, -87.25], 4.0 SE WINSLOW [38.34, -87.17]				
	05/25/11 20:36 EST		20K	Tornado (EF1, L: 4.97 mi , W: 50 yd)
	05/25/11 20:42 EST		0	Source: NWS Storm Survey
Several dozen trees were uprooted or snapped. Peak winds were estimated near 95 mph. The average path width was 40 yards.				
PIKE COUNTY --- 4.0 S WINSLOW [38.32, -87.22], 4.3 SE WINSLOW [38.34, -87.16]				
	05/25/11 20:39 EST		20K	Tornado (EF1, L: 3.19 mi , W: 60 yd)
	05/25/11 20:44 EST		0	Source: NWS Storm Survey
Several dozen trees were uprooted or snapped. Some trees had trunks of two feet in diameter. Peak winds were estimated near 95 mph. The average path width was 35 yards.				
<p>Numerous strong to severe thunderstorms occurred in the warm sector of a low pressure system over central Missouri. The air mass in the warm sector was very unstable, with afternoon mixed-layer cape values in the 2500 to 4000 j/kg range. A 65 to 75 knot mid level jet was located across Arkansas, with the nose of the jet moving into western Kentucky. This feature enhanced the lift and strong deep-layer shear already in place, creating an environment very favorable for supercells and tornadoes. A 40 to 55 knot low level jet across eastern Arkansas moved into western Kentucky during the evening, resulting in isolated tornadoes and widespread damaging winds.</p>				
KENTUCKY, Southwest				
BALLARD COUNTY --- OSCAR [37.13, -89.03], 1.1 N EAST CAIRO [37.04, -89.15], 0.9 WSW HOLLOWAY [37.06, -89.16], 3.6 NW OSCAR [37.17, -89.08], 2.7 NNE MONKEYS EYEBROW [37.22, -88.97], 3.5 ENE OGDEN [37.20, -88.89]				
	05/01/11 00:00 CST		0.50M	Flood (due to Heavy Rain)
	05/31/11 23:59 CST		0	Source: River/Stream Gage
Major flooding continued on the Ohio River from April. At the Grand Chain, Illinois river gage, the flood crest of 62.20 feet on the evening of May 2 came within two feet of the record of 64.00 feet set in 1937. The activation of the New Madrid Floodway by the U.S. Army Corps of Engineers spared Ballard County from an even higher crest. With the detonation of the Mississippi River levee at Birds Point, Missouri, the Ohio River dropped suddenly at Grand Chain. Grand Chain is located across from Ballard County. Some homes were evacuated, primarily in areas around Oscar. The total number of flooded homes was likely between 20 and 30.				
BALLARD COUNTY --- WICKLIFFE [36.97, -89.08], 1.3 W WICKLIFFE [36.97, -89.10], 5.0 SSW WICKLIFFE [36.90, -89.11], 5.0 S WICKLIFFE [36.90, -89.08]				
	05/01/11 00:00 CST		1M	Flood (due to Heavy Rain)
	05/31/11 23:59 CST		0	Source: Emergency Manager

Storm Data and Unusual Weather Phenomena - May 2011

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
Record flooding occurred along the Mississippi River near and below the confluence of the Ohio River. The river gages at both Cairo, Illinois and New Madrid, Missouri measured record high levels exceeding the 1937 record flood. The activation of the New Madrid Floodway by the U.S. Army Corps of Engineers on the evening of May 2 spared Ballard County from an even higher crest. With the detonation of the Mississippi River levee at Birds Point, Missouri, the Mississippi River dropped suddenly. Historic flooding of the Mississippi River inundated low-lying sections of Wickliffe. A few evacuations were required, and homes were sandbagged. All main arteries into and out of Wickliffe were closed except U.S. Highway 60. A section of U.S. Highway 51 was closed south of Wickliffe near a large paper mill. The paper mill was shut down for weeks. The bridge over the Ohio River on U.S. Highway 51/60/62 was closed when sections of the road leading to the bridge were covered by several feet of water.				
CARLISLE COUNTY --- 2.5 WSW WINNFORD [36.90, -89.11], 1.9 W BERKELEY [36.80, -89.13], 0.5 ENE BERKELEY [36.80, -89.09], 1.8 SSW WINNFORD [36.90, -89.08]				
	05/01/11 00:00 CST		0.30M	Flood (due to Heavy Rain)
	05/31/11 23:59 CST		0	Source: Emergency Manager
Record flooding occurred along the Mississippi River. The river gages at both Cairo, Illinois and New Madrid, Missouri measured record high levels exceeding the 1937 record flood. The activation of the New Madrid Floodway by the U.S. Army Corps of Engineers on May 2 spared Carlisle County from an even higher crest. With the detonation of the Mississippi River levee at Birds Point, Missouri, the Mississippi River began to drop. Historic flooding of the Mississippi River inundated many low-lying areas. Portions of U.S. Highway 51 were closed due to flooding.				
CRITTENDEN COUNTY --- TOLU [37.43, -88.25], 1.3 S FORDS FERRY [37.45, -88.08], 0.4 WNW FORDS FERRY [37.47, -88.09], 1.6 NW TOLU [37.44, -88.27]				
	05/01/11 00:00 CST		0.30M	Flood (due to Heavy Rain)
	05/21/11 17:00 CST		0	Source: Other Federal Agency
Major flooding continued on the Ohio River from April. Based on data from river gages in nearby Pope and Gallatin Counties in Illinois, the flood crest of 2011 was two to three feet higher than the 1997 flood. This was still 6 to 9 feet lower than the record crest set in 1937. The activation of the New Madrid Floodway by the U.S. Army Corps of Engineers spared Crittenden County from an even higher crest that would have inundated even larger areas of the county. With the detonation of the Mississippi River levee at Birds Point, Missouri, the Ohio River stopped rising or rose much more slowly. The community of Tolu was evacuated, and water was halfway up the windows of a house in Tolu. U.S. Highway 60 was closed just west of the Tradewater River bridge. Backwater from the Ohio River contributed to major flooding on the Tradewater River. About two dozen houses were flooded or threatened countywide.				
DAVIESS COUNTY --- OWENSBORO [37.77, -87.12], 3.4 N NEWMAN [37.88, -87.29], 1.7 N NEWMAN [37.85, -87.30], 1.2 SW OWENSBORO [37.76, -87.14]				
	05/01/11 00:00 CST		5M	Flood (due to Heavy Rain)
	05/09/11 15:00 CST		0	Source: River/Stream Gage
Moderate flooding occurred on the Ohio River. At the Owensboro river gage, the river continued to fall after cresting at 46.30 feet in late April. A riverside park and parts of Water Street in Owensboro were flooded. At the peak of the flooding, Panther Creek flooded extensively due to backwater from the Ohio River, which forced some evacuations of residents in the Pettit area. Panther Creek covered parts of U.S. Highway 431 and surrounded a few major businesses such as a home improvement store. Ohio River backwater worsened flooding of the Green River, flooding a house in Curdsville with a foot of water. The Red Cross opened a shelter. Countywide, 63 county roads and 18 state roads were closed at the peak of the flooding. About a dozen county roads were damaged. The damage consisted mostly of washed out shoulders and bridge approaches.				
FULTON COUNTY --- HICKMAN [36.57, -89.18], 2.1 W TYLER [36.50, -89.39], 3.2 WNW SASSAFRAS RIDGE [36.56, -89.39], 2.4 NNW HICKMAN [36.60, -89.20]				
	05/01/11 00:00 CST		1M	Flood (due to Heavy Rain)
	05/31/11 23:59 CST		0	Source: River/Stream Gage
Record flooding occurred on the Mississippi River. At the New Madrid, Missouri river gage, the flood crest of 48.35 feet on the night of May 5 broke the previous record (set in 1937) by a few inches. Historic flooding of the Mississippi River severely tested the strength of levees and floodwalls protecting Hickman. Numerous sand boils formed, but the levees remain intact. The bottomlands in the Hickman area were evacuated, and Kentucky Highway 94 was closed in many areas.				
HENDERSON COUNTY --- 2.9 N BASKETT [37.91, -87.47], 4.0 N HENDERSON [37.89, -87.58], 2.0 S ALZEY [37.84, -87.82], 1.9 SSE SMITH MILLS [37.78, -87.76], 2.7 WSW BASKETT [37.85, -87.51]				
	05/01/11 00:00 CST		6M	Flood (due to Heavy Rain)
	05/15/11 18:00 CST		0	Source: Other Federal Agency
Flooding continued on the Ohio River from April. At the Evansville, Indiana river gage, the river crested at 46.78 feet on May 5. This was the 8th highest crest on record, and less than a foot below the 1997 flood. Due to Ohio River flooding, a horse-racing track was surrounded by floodwater. A preliminary estimate of the number of flooded homes ranges from 100 to 200. Near the confluence of the Green and Ohio Rivers, a number of homes were enveloped by water near Spottsville. At least 80 county roads and a much smaller number of state roads were closed by flooding. U.S. Highway 60 was closed from Spottsville to the Daviess County line. A Red Cross shelter was opened for a very small number of evacuees, mostly from the Reed and Beals communities. The National Guard was activated. There was considerable flooding of low-lying agricultural land, forcing farmers to delay planting.				

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Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
HICKMAN COUNTY --- COLUMBUS [36.77, -89.10], 0.9 WNW COLUMBUS [36.77, -89.12], 4.4 WSW HAILWELL [36.65, -89.17], 3.0 SW HAILWELL [36.65, -89.14]				
	05/01/11 00:00 CST		0.10M	Flood (due to Heavy Rain)
	05/31/11 23:59 CST		0	Source: River/Stream Gage
Record flooding occurred along the Mississippi River. The river gages at both Cairo, Illinois and New Madrid, Missouri measured record high levels exceeding the 1937 record flood.				
LIVINGSTON COUNTY --- BIRDSVILLE [37.22, -88.45], 1.6 ENE SMITHLAND [37.14, -88.37], 1.9 SE SMITHLAND [37.11, -88.38], 1.1 ESE LEDBETTER [37.04, -88.46]				
	05/01/11 00:00 CST		4M	Flood (due to Heavy Rain)
	05/20/11 08:00 CST		0	Source: River/Stream Gage
Record flooding occurred on the Ohio River. At the Smithland river gage, the flood crest of 54.89 feet on the morning of May 6 was about 3.5 feet higher than the 1997 flood. The activation of the New Madrid Floodway by the U.S. Army Corps of Engineers spared the city of Smithland from an even higher crest that would likely have overtopped the makeshift levee protecting the city. The levee was on the verge of failure before the levee was blown up on the Mississippi River. With the detonation of the Mississippi River levee at Birds Point, Missouri, the Ohio River stopped rising or rose much more slowly at the Smithland gage. Due to flooding of the Ohio River, there was extensive sandbagging, and a temporary levee was constructed around Smithland. Homeowners were evacuated from Smithland and many other low-lying areas from Birdsville to Ledbetter. Lower sections of Ledbetter were evacuated. Preliminary estimates were that around 100 homes were flooded, up to the roofline in a couple of cases. Temporary shelters were set up for evacuees. Floodwaters entered a gas station on U.S. Highway 60 in Smithland. Several state roads were closed, along with numerous county roads. U.S. Highway 60 was closed to through traffic at Smithland, and sections of U.S. Highway 60 were raised above floodwaters in the Ledbetter area. Police established checkpoints on U.S. 60 to keep out sightseers.				
MCCRACKEN COUNTY --- PADUCAH [37.08, -88.63], 1.9 E ROSSINGTON [37.15, -88.80], 3.1 ENE ROSSINGTON [37.16, -88.78], 2.0 ESE ROWLANDTOWN [37.09, -88.60], 3.4 NE REIDLAND [37.06, -88.49], 6.2 SE SHADY GROVE [36.91, -88.45], 2.2 SSE HARDMONEY [36.92, -88.58]				
	05/01/11 00:00 CST		10M	Flood (due to Heavy Rain)
	05/21/11 20:00 CST		0	Source: River/Stream Gage
Major flooding continued on the Ohio River from April. At the Paducah river gage, the flood crest of 55.03 feet around noon on May 5 was over three feet higher than the 1997 flood. This was still several feet lower than the record crest set in 1937. The activation of the New Madrid Floodway by the U.S. Army Corps of Engineers spared McCracken County from an even higher crest that would have inundated even larger areas of the county. With the detonation of the Mississippi River levee at Birds Point, Missouri, the Ohio River stopped rising or rose much more slowly at the Paducah gage. The flood gates were installed in the floodwall protecting the city of Paducah. Low-lying areas outside of the levee and floodwall protection system were flooded, displacing hundreds of residents. Preliminary estimates were that between 200 and 500 homes were flooded, some beyond repair. Many of the homes were located in the Clarks River floodplain, where water was nearly up to the second floor of one home. Ohio River backwater worsened flooding along the Clarks River, which empties into the Ohio between Reidland and Paducah. A mobile home was nearly completely submerged. Over a dozen water rescues were conducted. Water marks along tree lines were at least ten feet high in many locations near the Clarks River. Besides flooding numerous homes, the river submerged a small airport and a car-racing track. Many state roads were closed, making travel around the county difficult. The bridge carrying U.S. Route 45 over the Ohio River was closed due to water over the approaches. At the peak of the flooding, at least 60 roads were closed in McCracken County. Floodwaters crept toward U.S. Highway 60 in the city of Paducah outside the levee, but very few structures were affected on Route 60. The main exception was a major grocery store next to the levee, which was forced to close. A convention center located on the river side of the floodwall was saved by the construction of a makeshift levee.				
MCCLEAN COUNTY --- 0.6 NNE LIVERMORE [37.49, -87.13], 0.6 NNW CALHOUN [37.54, -87.27], 0.8 WSW RUMSEY [37.52, -87.28], 1.9 SSE LIVERMORE [37.45, -87.12]				
	05/01/11 00:00 CST		3M	Flood (due to Heavy Rain)
	05/23/11 10:00 CST		0	Source: River/Stream Gage
Major flooding continued on the Green River from April. At the Calhoun river gage, the flood crest of 34.01 feet on the morning of May 7 was just a few inches lower than the 1997 flood. This 2011 flood crest was the sixth highest on record. Green River floodwaters inundated the entire community of Rumsey and about 20 percent of Calhoun. A very small part of Livermore was flooded.				
MUHLENBERG COUNTY --- PARADISE [37.27, -86.98], 0.3 WSW PARADISE [37.27, -86.99], 1.5 NNW PARADISE [37.29, -86.99], 1.6 N PARADISE [37.29, -86.98]				
	05/01/11 00:00 CST		20K	Flood (due to Heavy Rain)
	05/31/11 21:00 CST		0	Source: River/Stream Gage
Moderate flooding continued on the Green River from April. At the Paradise river gage, the flood crest of 395.85 feet on the morning of May 5 was the fifth highest on record. This flood crest was over two feet lower than the May, 2010 crest. Green River floodwaters closed a few roads.				
UNION COUNTY --- UNIONTOWN [37.77, -87.93], 7.1 N HITESVILLE [37.85, -87.81], 8.9 NNE UNIONTOWN [37.88, -87.85], 0.6 SW RALEIGH [37.71, -88.08], 2.9 WNW DE KOVEN [37.59, -88.12]				

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Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	05/01/11 00:00 CST		1M	Flood (due to Heavy Rain)
	05/22/11 15:00 CST		0	Source: River/Stream Gage

Major flooding continued on the Ohio River from April. At the Uniontown river gage, the flood crest of 56.94 feet on the morning of May 6 was about three feet higher than the 1997 flood. This was still over seven feet lower than the record crest set in 1937. The Ohio River floodgates were installed on Kentucky Highway 923 at Sturgis. This was the first time since the March 1997 flood that such actions were required. Sandbagging was done to protect some houses. Several county roads were closed, as was the main traffic artery through the county, U.S. Highway 60. There were at least 14 state highways and 18 county roads posted as closed in Union County.

Heavy rainfall in March set the stage for major flooding when record-setting rains fell in April and May. At Paducah, 15.91 inches of rain fell in April, which was 10.96 inches above normal. It was not only the wettest April on record, but the wettest month ever recorded at Paducah. In May, 8.74 inches of rain fell. This was 3.99 inches above normal for the month. Paducah had the wettest meteorological spring (March through May) period on record with 31.21 inches. This was 63 percent of the normal for an entire year. At Evansville, April was the second wettest April on record with 11.77 inches. For the season, Evansville had the second wettest meteorological spring with 25.01 inches. The result of all this rain was rapid and dramatic rises on rivers. Record flood crests occurred on some rivers, inundating numerous homes and businesses. There were major impacts to transportation both on land and water. There were numerous closed roads across the region, leading to often lengthy detours. Because of the high water, there were numerous day and nighttime restrictions to barge traffic. Hundreds of thousands of acres of farmland were flooded. Crops were late getting planted.



Photo of Ohio River backwater surrounding a major grocery store in Paducah on May 5. Floodwaters crept toward businesses along U.S. Highway 60 between Interstate 24 and the levee protecting inner parts of Paducah. This store was impacted more than any other business on Highway 60. Photo from Mike York, NWS Paducah.

BALLARD COUNTY --- BANDANA [37.15, -88.95], 1.7 NE EAST CAIRO [37.04, -89.13], 1.9 S WICKLIFFE [36.94, -89.07], 1.4 S LOVELACEVILLE [36.95, -88.82], 4.4 NE INGLESIDE [37.17, -88.87]				
	05/01/11 00:00 CST		30K	Flood (due to Heavy Rain)
	05/10/11 06:00 CST		0	Source: Trained Spotter

CALDWELL COUNTY --- 5.3 SSE DULANEY [37.03, -87.93], 1.8 SSE FRIENDSHIP [37.03, -87.74], 5.5 ENE NEEDMORE [37.24, -87.73], 1.3 N FREDONIA [37.22, -88.07]				
	05/01/11 00:00 CST		0.25M	Flood (due to Heavy Rain)
	05/10/11 06:00 CST		0	Source: Trained Spotter

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Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
CALLOWAY COUNTY --- 5.5 ESE NEW CONCORD [36.51, -88.06], 2.0 SW TAYLORS STORE [36.51, -88.45], 2.1 W COPELAND [36.73, -88.44], 3.2 NNE FAXON [36.72, -88.13]				
	05/01/11 00:00 CST		30K	Flood (due to Heavy Rain)
	05/10/11 06:00 CST		0	Source: Trained Spotter
CARLISLE COUNTY --- ARLINGTON [36.78, -89.02], 0.8 WSW WINNFORD [36.92, -89.08], 1.0 SSW CUNNINGHAM [36.91, -88.89], 1.2 SW MILBURN [36.79, -88.90]				
	05/01/11 00:00 CST		30K	Flood (due to Heavy Rain)
	05/10/11 06:00 CST		0	Source: Trained Spotter
CHRISTIAN COUNTY --- 2.1 WSW LA FAYETTE [36.65, -87.68], 2.5 NNE MACEDONIA [37.11, -87.65], 0.4 NNW APEX [37.11, -87.35], 1.1 E HENSLEYTOWN [36.67, -87.38]				
	05/01/11 00:00 CST		30K	Flood (due to Heavy Rain)
	05/10/11 06:00 CST		0	Source: Trained Spotter
CRITTENDEN COUNTY --- CASAD [37.45, -88.17], 1.6 SE NEW SALEM [37.26, -88.16], 4.2 SSW SHADEY GROVE [37.27, -87.91], 3.2 ENE WESTON [37.48, -88.01]				
	05/01/11 00:00 CST		30K	Flood (due to Heavy Rain)
	05/10/11 06:00 CST		0	Source: Trained Spotter
DAVIESS COUNTY --- 0.9 S RED HILL [37.61, -87.05], 1.6 NW PANTHER [37.65, -87.25], 1.8 ENE NEWMAN [37.84, -87.27], 0.9 NNW KNOTTSVILLE [37.78, -86.91], 0.6 WSW ELLIS [37.67, -86.86]				
	05/01/11 00:00 CST		30K	Flood (due to Heavy Rain)
	05/10/11 06:00 CST		0	Source: Trained Spotter
FULTON COUNTY --- ANNA LYNNE [36.55, -89.25], 0.9 WNW TYLER [36.51, -89.36], 1.8 SE FULTON [36.50, -88.85], 1.8 NW CAYCE [36.57, -89.05], 1.9 N HICKMAN [36.60, -89.18]				
	05/01/11 00:00 CST		30K	Flood (due to Heavy Rain)
	05/10/11 06:00 CST		0	Source: Trained Spotter
GRAVES COUNTY --- BALTIMORE [36.68, -88.80], 1.3 N WEYMOUTH [36.52, -88.78], 0.6 S FAIRBANKS [36.51, -88.55], 1.1 SSW SYMSONIA [36.91, -88.53], 1.6 WNW LOWES [36.89, -88.80]				
	05/01/11 00:00 CST		3M	Flood (due to Heavy Rain)
	05/10/11 06:00 CST		0	Source: Trained Spotter
HENDERSON COUNTY --- ALZEY [37.87, -87.82], 1.9 W DIXIE [37.68, -87.71], 3.2 SSE EUTERPE [37.68, -87.42], 0.4 SW BASKETT [37.87, -87.48]				
	05/01/11 00:00 CST		3M	Flood (due to Heavy Rain)
	05/10/11 06:00 CST		0	Source: Trained Spotter
HICKMAN COUNTY --- BEELERTON [36.60, -88.87], 4.5 SW HAILWELL [36.64, -89.16], 0.8 W SOUTH COLUMBUS [36.75, -89.11], 2.4 SSW BEULAH [36.74, -88.86]				
	05/01/11 00:00 CST		30K	Flood (due to Heavy Rain)
	05/10/11 06:00 CST		0	Source: Trained Spotter
HOPKINS COUNTY --- ANTON [37.35, -87.38], 1.7 NW BAKERSPORT [37.22, -87.37], 0.7 NNE ST CHARLES [37.19, -87.57], 3.0 NNW NEBO [37.42, -87.66], 0.9 ESE VANDETTA [37.44, -87.42]				
	05/01/11 00:00 CST		0.50M	Flood (due to Heavy Rain)
	05/10/11 06:00 CST		0	Source: Trained Spotter
LIVINGSTON COUNTY --- BAYOU [37.23, -88.48], 1.0 WSW SMITHLAND [37.12, -88.42], 0.3 SW LEDBETTER [37.05, -88.48], 3.0 W NEWBERN [37.08, -88.37], 0.3 SE SALEM [37.27, -88.25], 1.6 SE CARRSVILLE [37.38, -88.36]				
	05/01/11 00:00 CST		30K	Flood (due to Heavy Rain)
	05/10/11 06:00 CST		0	Source: Trained Spotter
LYON COUNTY --- CARMACK [37.02, -88.12], 0.7 W LAMASCO [36.98, -87.93], 7.1 N SARATOGA [37.15, -88.02], 5.4 NW KUTTAWA [37.11, -88.20]				
	05/01/11 00:00 CST		30K	Flood (due to Heavy Rain)
	05/10/11 06:00 CST		0	Source: Trained Spotter

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Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
MARSHALL COUNTY --- ALTONA [37.05, -88.38], 2.9 NE FAIRDEALING [36.88, -88.20], 1.1 WSW AURORA [36.77, -88.15], 2.6 WNW BREWERS [36.79, -88.47], 2.4 W LITTLE CYPRESS [37.01, -88.47]				
	05/01/11 00:00 CST		0.50M	Flood (due to Heavy Rain)
	05/10/11 06:00 CST		0	Source: Trained Spotter
MCCRACKEN COUNTY --- WOODVILLE [37.10, -88.88], 1.9 NE RAGLAND [37.19, -88.88], 0.2 ENE WOODLAWN [37.05, -88.57], 2.4 ESE REIDLAND [37.01, -88.49], 5.5 SSE SHADY GROVE [36.91, -88.48], 8.2 WSW MELBER [36.92, -88.87]				
	05/01/11 00:00 CST		30K	Flood (due to Heavy Rain)
	05/10/11 06:00 CST		0	Source: Trained Spotter
MCLEAN COUNTY --- BEECH GROVE [37.62, -87.40], 1.8 S TOWERS CHAPEL [37.41, -87.32], 3.3 E ISLAND [37.44, -87.09], 1.0 NW NUCKOLS [37.53, -87.13]				
	05/01/11 00:00 CST		30K	Flood (due to Heavy Rain)
	05/10/11 06:00 CST		0	Source: Trained Spotter
MUHLENBERG COUNTY --- BANCROFT [37.17, -87.25], 0.3 NW BELTON [37.15, -87.03], 0.5 WNW PARADISE [37.27, -86.99], 1.3 NNW NELSON [37.35, -87.06], 0.6 S LYNN CITY [37.36, -87.23], 1.9 WNW NEW CYPRESS [37.26, -87.28]				
	05/01/11 00:00 CST		30K	Flood (due to Heavy Rain)
	05/10/11 06:00 CST		0	Source: Trained Spotter
TODD COUNTY --- ALLEGRE [36.93, -87.22], 2.4 SE SOUTH ZION [36.65, -87.26], 1.1 NE DARNELL [36.66, -87.07], 1.1 SSE SHARON GROVE [36.91, -87.09]				
	05/01/11 00:00 CST		30K	Flood (due to Heavy Rain)
	05/10/11 06:00 CST		0	Source: Trained Spotter
TRIGG COUNTY --- BUFFALO [36.93, -87.67], 3.7 SSW ROARING SPG [36.67, -87.71], 4.1 W LAUREL FURNACE [36.69, -88.05], 3.9 WNW ENERGY [36.85, -88.12]				
	05/01/11 00:00 CST		30K	Flood (due to Heavy Rain)
	05/10/11 06:00 CST		0	Source: Trained Spotter
UNION COUNTY --- 1.5 W HAZEL BEND [37.52, -88.03], 2.3 S BLACKBURN [37.67, -88.12], 0.7 SSW UNIONTOWN [37.76, -87.93], 6.2 N HITESVILLE [37.84, -87.83], 4.2 E MORGANFIELD ARPT [37.68, -87.75], 4.2 E YUBA [37.57, -87.77]				
	05/01/11 00:00 CST		30K	Flood (due to Heavy Rain)
	05/10/11 06:00 CST		0	Source: Trained Spotter
WEBSTER COUNTY --- BELLVILLE [37.38, -87.80], 1.2 NE DERBY [37.48, -87.90], 1.3 NNE DIXON [37.54, -87.69], 1.6 E WEBSTER CO ARPT [37.42, -87.70]				
	05/01/11 00:00 CST		1.50M	Flood (due to Heavy Rain)
	05/10/11 06:00 CST		0	Source: Trained Spotter
WEBSTER COUNTY --- 1.3 E DIAMOND [37.42, -87.80], 0.7 SE DIAMOND [37.41, -87.81], 3.8 SSE PROVIDENCE [37.35, -87.74], 4.2 SSE WEBSTER CO ARPT [37.36, -87.71]				
	05/02/11 05:00 CST		20K	Flash Flood (due to Heavy Rain)
	05/02/11 07:15 CST		0	Source: Law Enforcement

Highway 109 was closed five miles northwest of Providence. Highway 109 was reduced to one lane at the bridge south of town.

Widespread flooding continued from April into May across western Kentucky. Following excessive rain in April, a final dose of heavy rain came between April 30 and May 2. Numerous rounds of showers and thunderstorms produced additional average rainfall amounts of 4 to 6 inches, which caused isolated flash flooding. Between 9 and 22 inches of rain fell across the region between April 22 and May 3. Most creeks and streams flooded for an extended period of time. Some of the flooding was major. Numerous roads were flooded and closed, including some major state roads such as U.S. Highways 62, 60, and 51. Some schools delayed or cancelled classes due to the large number of flooded roads. A bridge was washed out over Mayfield Creek near the Graves and McCracken County line. Some of the smaller rivers that flooded included the Tradewater River in Webster County and the Clarks River in Marshall and northeast Graves Counties. Roads were closed near each river. Some homes and businesses were sandbagged. All main roads to Providence in Webster County were closed. The communities of Clay and Blackford in Webster County were isolated by flooding, accessible by boat only. Lake Barkley and Kentucky Lake rose rapidly, breaking record levels at the beginning of the month. Both lakes reached around 372.5 feet by May 4. The top of the gates at Kentucky Dam are at 375 feet. Lakeshore flooding forced the closure of recreational facilities and roads, including portions of the Land Between The Lakes National Recreation Area. Campgrounds along the lake were flooded. Marinas were

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Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
closed. Flooding of the Tennessee River affected the western edge of Calvert City and a few homes near Possum Trot, with some homes sandbagged.				
HICKMAN COUNTY --- 2.2 E CLINTON [36.67, -88.94]				
	05/13/11 14:42 CST		0	Hail (1.00 in)
	05/13/11 14:42 CST		0	Source: Emergency Manager
HICKMAN COUNTY --- COLUMBUS [36.77, -89.10], SPRING HILL [36.73, -88.97]				
	05/13/11 15:05 CST		0	Hail (0.75 in)
	05/13/11 15:05 CST		0	Source: Emergency Manager
MCCRACKEN COUNTY --- 2.7 SSW CAMMELIA [36.98, -88.79], 4.0 WSW MASSAC [37.00, -88.75]				
	05/13/11 15:18 CST		8K	Thunderstorm Wind (EG 52 kt)
	05/13/11 15:18 CST		0	Source: Emergency Manager
Numerous tree limbs and a couple of whole trees were blown down across roadways.				
MCCRACKEN COUNTY --- PADUCAH [37.08, -88.63]				
	05/13/11 15:50 CST		0	Hail (0.75 in)
	05/13/11 15:50 CST		0	Source: Emergency Manager
MARSHALL COUNTY --- CALVERT CITY [37.03, -88.35]				
	05/13/11 16:33 CST		0	Hail (0.75 in)
	05/13/11 16:33 CST		0	Source: NWS Employee
Dime-size hail was reported at the Purchase Parkway and Interstate 24 interchange.				
An isolated severe thunderstorm occurred ahead of a closed 500 mb low moving east across Missouri. A weak surface low was located over central Illinois, with a cold front trailing southward across the Mississippi Valley.				
CALLOWAY COUNTY --- 0.6 W MIDWAY [36.55, -88.33]				
	05/23/11 00:15 CST		20K	Thunderstorm Wind (EG 61 kt)
	05/23/11 00:15 CST		0	Source: Emergency Manager
Several trees were snapped. Pieces of tin metal roofing were thrown up to one-half mile. Barn roofs were damaged. TV antennas were broken.				
CHRISTIAN COUNTY --- CROFTON [37.05, -87.48]				
	05/23/11 01:00 CST		60K	Thunderstorm Wind (EG 56 kt)
	05/23/11 01:00 CST		0	Source: Trained Spotter
The roof was blown off of a porch. A large tree about 3.5 feet in diameter fell onto a car. The metal roof was blown off another building.				
DAVIESS COUNTY --- 4.0 SW OWENSBORO [37.73, -87.17]				
	05/23/11 01:11 CST		0	Hail (0.88 in)
	05/23/11 01:11 CST		0	Source: Trained Spotter
A mesoscale convective system tracked eastward across western Kentucky. Moderate instability existed in a corridor ahead of this system, sustaining its eastward progress. Strong and locally damaging winds occurred along the leading edge of the cold pool associated with the system. The strongest cells near the leading edge produced hail.				
TRIGG COUNTY --- CADIZ [36.87, -87.82]				
	05/23/11 17:47 CST		4K	Thunderstorm Wind (EG 50 kt)
	05/23/11 17:47 CST		0	Source: Emergency Manager
A couple of trees were blown down.				
TRIGG COUNTY --- LINTON [36.68, -87.90]				
	05/23/11 17:49 CST		0	Hail (1.00 in)
	05/23/11 17:49 CST		0	Source: Trained Spotter
CHRISTIAN COUNTY --- 2.9 SE LA FAYETTE [36.64, -87.61], 3.0 NW PEMBROKE [36.81, -87.39]				

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Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	05/23/11 18:10 CST		0.35M	Tornado (EF2, L: 17.30 mi , W: 175 yd)
	05/23/11 18:27 CST	1	0	Source: NWS Storm Survey

This tornado crossed into Kentucky from Stewart County, Tennessee. Several barns and grain bins were damaged or destroyed. A dairy barn with 45 cows inside was destroyed. Although all the cows were trapped under the collapsed barn, only two of the cows were injured. One of the cows was thrown 500 feet from its stall. Numerous large trees were snapped or uprooted. A tractor-trailer rig hauling freight was overturned at mile-marker 85 on Interstate 24. The driver suffered minor injuries and was taken to a regional hospital. The roof was torn from an agricultural chemical storage building. A tool barn was destroyed. At a farm near Pembroke, a large tree fell on a house, a large barn was flattened, and two large grain bins were destroyed. Peak winds were estimated near 120 mph, but the majority of the damage path was EF-1. The average path width was 150 yards.

A large cluster of thunderstorms increased in coverage and intensity as it accelerated eastward into a rapidly destabilizing air mass. The activity was closely related to a mid-level shortwave trough moving across Iowa and Missouri, along with a low level wind maximum. The storms were associated with isolated large hail, damaging winds, and a tornado.

CARLISLE COUNTY --- MILBURN [36.80, -88.88]

05/25/11 18:01 CST	0	Funnel Cloud
05/25/11 18:01 CST	0	Source: Trained Spotter

BALLARD COUNTY --- KEVIL [37.08, -88.90]

05/25/11 18:10 CST	25K	Thunderstorm Wind (EG 52 kt)
05/25/11 18:10 CST	0	Source: Emergency Manager

Winds were estimated near 60 mph. An old, rusty grain elevator was bent in half. Two silos received minor damage. Some trees were blown down. A tree fell on a garage.

MCCRACKEN COUNTY --- (PAH)BARKLEY ARPT PA [37.07, -88.77], 1.3 WSW CAMELIA [37.01, -88.80]

05/25/11 18:13 CST	6K	Thunderstorm Wind (MG 54 kt)
05/25/11 18:13 CST	0	Source: ASOS

A wind gust to 62 mph was measured by automated equipment at the National Weather Service at Barkley Regional Airport. In the southwest corner of the county near U.S. Highway 62 at Highway 286, the roof was blown off a barn, and debris was scattered.

CARLISLE COUNTY --- BARDWELL [36.87, -89.02]

05/25/11 18:15 CST	0	Thunderstorm Wind (EG 52 kt)
05/25/11 18:15 CST	0	Source: Public

A large tree was blown down.

BALLARD COUNTY --- LOVELACEVILLE [36.97, -88.82]

05/25/11 18:17 CST	20K	Thunderstorm Wind (EG 61 kt)
05/25/11 18:17 CST	0	Source: Newspaper

The entire roof was ripped off an old vacant school building. A utility pole was broken.

FULTON COUNTY --- HICKMAN [36.57, -89.18], CAYCE [36.55, -89.03]

05/25/11 18:18 CST	0	Hail (0.75 in)
05/25/11 18:25 CST	0	Source: Emergency Manager

CARLISLE COUNTY --- 0.4 E MILBURN [36.80, -88.87]

05/25/11 18:20 CST	6K	Thunderstorm Wind (EG 56 kt)
05/25/11 18:20 CST	0	Source: Emergency Manager

A roof was blown off a barn near Milburn.

FULTON COUNTY --- 2.0 E HICKMAN [36.57, -89.14]

05/25/11 18:24 CST	0	Thunderstorm Wind (MG 55 kt)
05/25/11 18:24 CST	0	Source: Mesonet

A wind gust to 63 mph was measured at a Kentucky mesonet site.

MCCRACKEN COUNTY --- (PAH)BARKLEY ARPT PA [37.07, -88.77], REIDLAND [37.02, -88.53]

Storm Data and Unusual Weather Phenomena - May 2011

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	05/25/11 18:25 CST		60K	Thunderstorm Wind (MG 61 kt)
	05/25/11 18:34 CST		0	Source: ASOS
Severe thunderstorms produced widespread wind gusts around 70 mph across McCracken County. A wind gust to 70 mph was measured by the automated observing system at Barkley Regional Airport. A trained spotter measured a wind gust to 70 mph in the Reidland/Farley area. At least five or six trees were uprooted in the Lone Oak area, along with numerous large limbs. One tree landed on a house. Shingles were blown off a few homes. A roof in the Reidland area sustained extensive loss of shingles. Between Lone Oak and Reidland south of Interstate 24, numerous trees and limbs were down. At least a few trees landed across roads, including U.S. Highway 45. A tree landed on power lines.				
MCCRACKEN COUNTY --- REIDLAND [37.02, -88.53]				
	05/25/11 18:28 CST		0	Funnel Cloud
	05/25/11 18:28 CST		0	Source: Trained Spotter
Funnel clouds were reported in the Reidland area.				
FULTON COUNTY --- 1.4 WSW FULTON ARPT [36.52, -88.94], 2.4 WNW CAYCE [36.56, -89.07]				
	05/25/11 18:30 CST		0.10M	Thunderstorm Wind (EG 65 kt)
	05/25/11 18:40 CST		0	Source: Emergency Manager
A few roofs were blown off. A small grain bin was carried across Highway 94. An old shed was destroyed. Several trees and limbs were blown down.				
FULTON COUNTY --- HICKMAN [36.57, -89.18]				
	05/25/11 18:43 CST		0	Hail (1.00 in)
	05/25/11 18:43 CST		0	Source: Trained Spotter
LIVINGSTON COUNTY --- HAMPTON [37.28, -88.37]				
	05/25/11 18:45 CST		1K	Thunderstorm Wind (EG 52 kt)
	05/25/11 18:45 CST		0	Source: Trained Spotter
Tree branches around three to four inches in diameter were blown off trees.				
GRAVES COUNTY --- WATER VLY [36.57, -88.80], 1.4 N PILOT OAK [36.57, -88.72]				
	05/25/11 18:47 CST		6K	Thunderstorm Wind (EG 52 kt)
	05/25/11 18:55 CST		0	Source: Public
Many trees were blown down near Water Valley. Trees and power lines blocked roads for six to seven hours.				
MARSHALL COUNTY --- 1.9 NE SHARPE [36.99, -88.43]				
	05/25/11 18:50 CST		5K	Thunderstorm Wind (EG 52 kt)
	05/25/11 18:50 CST		0	Source: Trained Spotter
Trees and limbs were blown down along Interstate 24 near mile-marker 21.				
MARSHALL COUNTY --- CALVERT CITY [37.03, -88.35], PALMA [36.97, -88.37]				
	05/25/11 18:52 CST		8K	Thunderstorm Wind (MG 61 kt)
	05/25/11 19:03 CST		0	Source: NWS Employee
A trained spotter estimated wind gusts near 70 mph at the intersection of Highways 62 and 95. A wind gust to 69 mph was measured at the residence of a National Weather Service employee at the intersection of Interstate 24 and the Purchase Parkway. A wind gust to 70 mph was measured at Palma. A tree and power lines were blown down in Calvert City.				
UNION COUNTY --- UNIONTOWN [37.77, -87.93], MORGANFIELD [37.68, -87.92]				
	05/25/11 18:55 CST		20K	Thunderstorm Wind (MG 52 kt)
	05/25/11 18:55 CST		0	Source: Trained Spotter
A wind gust to 60 mph was measured in Uniontown. At Morganfield, a house sustained siding and roofing damage. A glass door was broken. At a nearby business, a metal carport was lifted and blown into a neighboring yard. Trees were blown down on State Route 1508.				
GRAVES COUNTY --- MAYFIELD [36.73, -88.63]				
	05/25/11 19:00 CST		60K	Thunderstorm Wind (EG 65 kt)
	05/25/11 19:00 CST		0	Source: Emergency Manager

Storm Data and Unusual Weather Phenomena - May 2011

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
The rubber roofing of an old motel was partially blown off. Some debris landed on vehicles, but none of the vehicles sustained major damage. Trees and power lines were blown down. A tree landed on a home, causing minor damage.				

GRAVES COUNTY --- WINGO [36.65, -88.73]

05/25/11 19:08 CST	0	Funnel Cloud
05/25/11 19:08 CST	0	Source: Trained Spotter

MARSHALL COUNTY --- BREWERS [36.77, -88.43], HARDIN [36.77, -88.30]

05/25/11 19:17 CST	3K	Thunderstorm Wind (MG 52 kt)
05/25/11 19:20 CST	0	Source: Trained Spotter

A tree and power lines were blown across Highway 402 near Hardin. A wind gust to 60 mph was measured near Brewers.

CALLOWAY COUNTY --- 0.5 W COPELAND [36.73, -88.41], 0.4 WNW COPELAND [36.73, -88.41]

05/25/11 19:19 CST	10K	Tornado (EF0, L: 0.27 mi, W: 80 yd)
05/25/11 19:20 CST	0	Source: NWS Storm Survey

Several dozen mainly small trees were broken or uprooted. Most of the trees were small. The average path width was 50 yards. Peak winds were estimated near 70 mph.

CALLOWAY COUNTY --- DEXTER [36.75, -88.28], 1.4 WNW ALMO [36.71, -88.29]

05/25/11 19:25 CST	10K	Thunderstorm Wind (EG 56 kt)
05/25/11 19:25 CST	0	Source: Emergency Manager

A number of trees and large limbs were blown down across roadways. Some of the trees were uprooted and snapped.

HENDERSON COUNTY --- HENDERSON [37.83, -87.58]

05/25/11 19:29 CST	10K	Thunderstorm Wind (EG 52 kt)
05/25/11 19:29 CST	0	Source: Trained Spotter

A large tree fell across a mobile home. Tree limbs were blown down.

CALLOWAY COUNTY --- 1.4 S STELLA [36.63, -88.38], 1.9 NNE MURRAY [36.65, -88.31]

05/25/11 19:30 CST	90K	Thunderstorm Wind (EG 78 kt)
05/25/11 19:30 CST	0	Source: Emergency Manager

Hundreds of trees and limbs were blown down, mostly uprooted. Some trees were snapped ten feet off the ground. A portion of Highway 121 was impassable for several hours due to downed limbs and power poles. Some power lines were down across a semi on the road. A tree landed on a mobile home, destroying it. Large shop doors were caved in near Penny.

LYON COUNTY --- 1.6 ENE EUREKA [37.03, -88.19]

05/25/11 19:30 CST	70K	Thunderstorm Wind (EG 56 kt)
05/25/11 19:30 CST	0	Source: Emergency Manager

At a campground near Barkley Dam, trees were blown down, along with numerous tree limbs. A tree limb punched a hole in a large metal building. A camper was blown over, and at least one camper was damaged by a falling limb. Access to the campground was blocked by downed trees. An uprooted tree took down a power line.

DAVIESS COUNTY --- DELAWARE [37.68, -87.40]

05/25/11 19:32 CST	0	Funnel Cloud
05/25/11 19:32 CST	0	Source: Trained Spotter

WEBSTER COUNTY --- 1.9 NNW ELMWOOD [37.55, -87.52], 1.8 N ELMWOOD [37.55, -87.51]

05/25/11 19:34 CST	90K	Thunderstorm Wind (EG 70 kt)
05/25/11 19:34 CST	0	Source: Trained Spotter

Ten power poles were blown down along U.S. Highway 41 between Sebree and Slaughters. A wooden barn was destroyed just west of Highway 41.

MARSHALL COUNTY --- 2.6 NNE BENTON ARPT [36.81, -88.20]

05/25/11 19:41 CST	60K	Thunderstorm Wind (EG 56 kt)
05/25/11 19:41 CST	0	Source: Newspaper

Storm Data and Unusual Weather Phenomena - May 2011

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
Just off U.S. Highway 68 along Jonathan Creek, several dozen trees were uprooted. A number of structures were damaged. At least one outbuilding was severely damaged, and a porch was damaged.				
HOPKINS COUNTY --- 2.0 N DAWSON SPGS [37.20, -87.70]				
	05/25/11 19:42 CST		0	Funnel Cloud
	05/25/11 19:42 CST		0	Source: Trained Spotter
HOPKINS COUNTY --- MADISONVILLE [37.33, -87.50]				
	05/25/11 19:44 CST		50K	Thunderstorm Wind (EG 52 kt)
	05/25/11 19:44 CST		0	Source: Trained Spotter
Numerous trees were blown down.				
MCLEAN COUNTY --- BEECH GROVE [37.62, -87.40], 1.5 NNE POVERTY [37.59, -87.32]				
	05/25/11 19:45 CST		7K	Thunderstorm Wind (MG 53 kt)
	05/25/11 19:45 CST		0	Source: Mesonet
There was minor damage to a grocery store in Beech Grove. A wind gust to 61 mph was measured at a Kentucky mesonet site several miles to the southeast.				
WEBSTER COUNTY --- 1.0 W ONTON [37.55, -87.45]				
	05/25/11 19:45 CST		1M	Thunderstorm Wind (EG 74 kt)
	05/25/11 19:45 CST		0	Source: Trained Spotter
On Highway 147, four chicken houses were destroyed. The chicken houses were about 500 feet long and 50 feet wide. Seven or eight utility poles were down.				
CALLOWAY COUNTY --- FAXON [36.68, -88.15]				
	05/25/11 19:46 CST		5K	Thunderstorm Wind (EG 52 kt)
	05/25/11 19:46 CST		0	Source: Newspaper
Pieces of a barn were blown onto Highway 1346.				
DAVIESS COUNTY --- 2.0 SSW BIRK CITY [37.75, -87.29], OWENSBORO [37.77, -87.12]				
	05/25/11 19:46 CST		30K	Thunderstorm Wind (MG 53 kt)
	05/25/11 20:01 CST		0	Source: Emergency Manager
Wind gusts to around 60 mph were observed across central and western Daviess County. Trees were blown down in Owensboro. A wind gust to 61 mph was measured at the Owensboro airport. Trained spotters estimated wind gusts to 60 mph in the city of Owensboro and on the western edge of the county. A house was damaged by a falling tree in the city of Owensboro.				
CALLOWAY COUNTY --- MURRAY [36.62, -88.32]				
	05/25/11 19:50 CST		0	Hail (0.75 in)
	05/25/11 19:50 CST		0	Source: Emergency Manager
Dime-size hail occurred on the south and west side of town.				
TRIGG COUNTY --- 2.7 SSW WALLONIA [36.91, -87.79]				
	05/25/11 19:52 CST		0	Thunderstorm Wind (MG 52 kt)
	05/25/11 19:52 CST		0	Source: Trained Spotter
A wind gust to 60 mph was measured along Interstate 24 near mile marker 56.				
CALDWELL COUNTY --- 1.8 WNW CEDAR BLUFF [37.09, -87.86]				
	05/25/11 19:55 CST		10K	Thunderstorm Wind (MG 52 kt)
	05/25/11 19:55 CST		0	Source: Mesonet
A wind gust to 60 mph was measured by a Kentucky mesonet station just southeast of Princeton. There were a couple of outbuildings with some roof damage. Some trees were down.				
DAVIESS COUNTY --- OWENSBORO [37.77, -87.12]				

Storm Data and Unusual Weather Phenomena - May 2011

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	05/25/11 19:55 CST		0	Funnel Cloud
	05/25/11 19:55 CST		0	Source: Trained Spotter
HOPKINS COUNTY --- DAWSON SPGS [37.17, -87.70]				
	05/25/11 19:56 CST		20K	Thunderstorm Wind (EG 61 kt)
	05/25/11 19:56 CST		0	Source: Fire Department/Rescue
Several tree limbs and power lines were blown down. A small barn was destroyed.				
HOPKINS COUNTY --- EARLINGTON [37.27, -87.52]				
	05/25/11 20:02 CST		0	Thunderstorm Wind (EG 52 kt)
	05/25/11 20:02 CST		0	Source: Trained Spotter
A trained spotter estimated a wind gust to 60 mph.				
HOPKINS COUNTY --- MORTONS GAP [37.23, -87.48], WHITE PLAINS [37.18, -87.38]				
	05/25/11 20:05 CST		50K	Thunderstorm Wind (EG 70 kt)
	05/25/11 20:10 CST		0	Source: Public
The roof was blown off a house in Mortons Gap. Around White Plains, trees were blown down on some roads. Utility poles were snapped in Nortonville.				
TRIGG COUNTY --- 2.6 NE LINTON [36.70, -87.86]				
	05/25/11 20:09 CST		0	Funnel Cloud
	05/25/11 20:09 CST		0	Source: Trained Spotter
There were several reports of funnel clouds in the southwest part of the county.				
TRIGG COUNTY --- 0.6 S CADIZ [36.86, -87.82], 0.5 E CADIZ [36.87, -87.81]				
	05/25/11 20:10 CST		0.30M	Thunderstorm Wind (EG 87 kt)
	05/25/11 20:13 CST		0	Source: Emergency Manager
A microburst with estimated winds up to 100 mph struck the south and east sides of Cadiz. The average path width of the microburst was 3/4 mile, and the path length was a mile and three-quarters. Thirty homes sustained light to moderate damage, mainly due to fallen trees. One home was destroyed by a large fallen tree. One business was heavily damaged, with the end of a storage building destroyed. Several other structures received damage, primarily to roofs. Sheet metal and attached framing smashed three delivery trucks. Signs were in the road on U.S. Highway 68 east of Cadiz.				
CALLOWAY COUNTY --- 2.8 N NEW CONCORD [36.59, -88.14], 2.8 NNE NEW CONCORD [36.59, -88.14]				
	05/25/11 20:17 CST		50K	Tornado (EF0, L: 0.39 mi , W: 50 yd)
	05/25/11 20:18 CST		0	Source: NWS Storm Survey
About a dozen trees and several tree tops were snapped. One car was completely destroyed by a large fallen tree. Mostly minor damage occurred to a couple of homes or garages. At least one power line was downed. Peak wind speeds were estimated near 85 mph.				
MUHLENBERG COUNTY --- BREMEN [37.37, -87.22]				
	05/25/11 20:23 CST		25K	Thunderstorm Wind (EG 52 kt)
	05/25/11 20:23 CST		0	Source: Trained Spotter
Trees and power lines were blown down in and near Bremen.				
TRIGG COUNTY --- 3.9 SW CADIZ [36.83, -87.87]				
	05/25/11 20:35 CST		0	Thunderstorm Wind (MG 52 kt)
	05/25/11 20:35 CST		0	Source: Mesonet
A wind gust to 60 mph was measured at a Kentucky mesonet site.				
TRIGG COUNTY --- 1.4 SSE LAUREL FURNACE [36.68, -87.97], LINTON [36.68, -87.90]				
	05/25/11 20:40 CST		40K	Thunderstorm Wind (EG 65 kt)
	05/25/11 20:40 CST		0	Source: Emergency Manager
In the Land Between The Lakes National Recreation Area, trees were blown down near Wrangler's Campground. At Linton, part of the roof was blown off a church. Numerous trees were blown down.				

Storm Data and Unusual Weather Phenomena - May 2011

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
MUHLENBERG COUNTY --- DRAKESBORO [37.22, -87.05]				
	05/25/11 20:45 CST		0	Funnel Cloud
	05/25/11 20:45 CST		0	Source: Fire Department/Rescue
CHRISTIAN COUNTY --- 0.6 E CROFTON [37.05, -87.47]				
	05/25/11 20:47 CST		3K	Thunderstorm Wind (MG 52 kt)
	05/25/11 20:47 CST		0	Source: Trained Spotter
A wind gust to 60 mph was measured at Highway 800 and the Pennyrite Parkway. Some tree damage was reported around the county.				
CHRISTIAN COUNTY --- GRACEY [36.87, -87.65]				
	05/25/11 20:50 CST		30K	Thunderstorm Wind (EG 56 kt)
	05/25/11 20:50 CST		0	Source: Trained Spotter
Trees were down, blocking roadways. Very large tree limbs fell on a house. Power outages were reported.				
CHRISTIAN COUNTY --- 1.0 N HOPKINSVILLE [36.86, -87.48]				
	05/25/11 21:09 CST		2K	Thunderstorm Wind (MG 50 kt)
	05/25/11 21:09 CST		0	Source: Trained Spotter
A trained spotter measured a wind gust to 58 mph on the north side of the city. Some tree damage was reported.				
CHRISTIAN COUNTY --- 1.3 ENE FIDELIO [36.74, -87.43], 0.9 SW PEMBROKE [36.77, -87.36]				
	05/25/11 21:15 CST		3K	Thunderstorm Wind (MG 52 kt)
	05/25/11 21:20 CST		0	Source: Trained Spotter
One trained spotter measured a wind gust to 59 mph, and another measured a gust to 60 mph. Some tree damage was reported around the county.				
TODD COUNTY --- 1.0 NE TRESS SHOP [36.84, -87.21]				
	05/25/11 21:35 CST		10K	Thunderstorm Wind (EG 52 kt)
	05/25/11 21:35 CST		0	Source: Emergency Manager
Some trees and power lines were blown down around the county.				
<p>Numerous strong to severe thunderstorms occurred in the warm sector of a low pressure system over central Missouri. The air mass in the warm sector was very unstable, with afternoon mixed-layer cape values in the 2500 to 4000 j/kg range. A 65 to 75 knot mid level jet was located across Arkansas, with the nose of the jet moving into western Kentucky. This feature enhanced the lift and strong deep-layer shear already in place, creating an environment very favorable for supercells and tornadoes. A 40 to 55 knot low level jet across eastern Arkansas moved into western Kentucky during the evening, resulting in isolated tornadoes and widespread damaging winds.</p>				
MISSOURI, Southeast				
BUTLER COUNTY --- FISK [36.78, -90.22], 2.1 N FISK [36.81, -90.22], 2.6 NNE FISK [36.81, -90.20], 3.1 ESE FISK [36.76, -90.17], 2.2 SE FISK [36.76, -90.19]				
	05/01/11 00:00 CST		0.80M	Flood (due to Heavy Rain)
	05/31/11 23:59 CST		0	Source: River/Stream Gage
Major flooding continued on the St. Francis River from April. At the Fisk river gage, the river crested at 27.10 feet on the evening of May 3. This was the second highest crest on record, exceeded only by a crest of 28.00 feet in April of 1927. The river came within inches of overtopping a levee on the left bank. Much of Fisk was evacuated. At least one house was inaccessible by vehicle because of floodwaters.				
CAPE GIRARDEAU COUNTY --- 0.6 SE GULF JCT [37.27, -89.54], 1.4 E GULF JCT [37.27, -89.53], 0.8 SE CAPE GIRARDEAU [37.29, -89.52], 3.2 NE CAPE GIRARDEAU [37.34, -89.49], 3.0 NNE CAPE GIRARDEAU [37.34, -89.50]				
	05/01/11 00:00 CST		1M	Flood (due to Heavy Rain)
	05/31/11 23:59 CST		0	Source: River/Stream Gage

Storm Data and Unusual Weather Phenomena - May 2011

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
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Major flooding that began in April continued along the Mississippi River. At Cape Girardeau, the river crested at 46.28 feet on May 2. This was the fourth highest crest on record, surpassed only by the floods of 1993 and 1995. The activation of the New Madrid Floodway by the U.S. Army Corps of Engineers spared Cape Girardeau County from an even higher crest. With the detonation of the Mississippi River levee at Birds Point, Missouri, the river began to drop. Floodwaters backed up creeks and diversion channels across southern parts of Cape Girardeau County, threatening areas along Highway 74 out to Dutchtown. A combination of Mississippi River backwater and headwater from small tributaries such as the Whitewater River caused problems as far inland as Delta and Allenville. Crews built an emergency levee along Highway 74 near Highway 25 to protect Dutchtown. Highways 74 and 25 were closed. Water rose two to three feet high on the levee. Voluntary evacuations were requested in the Allenville area, where water blocked all roads into town. A couple of houses were flooded in Allenville, where at least one water rescue was conducted. Countywide, more than 30 county roads were closed. The Red Cross opened a shelter for flood victims. In Cape Girardeau, several homes and a couple of businesses were sandbagged in an area known as the "Red Star" neighborhood. More than 15 streets were closed by flooding in the city on both the north and south sides of town.

MISSISSIPPI COUNTY --- WOLF IS [36.75, -89.20], 1.4 S BELMONT [36.75, -89.12], 2.8 ESE BIRDS PT [36.96, -89.10], 2.6 S BIRDS PT [36.93, -89.16]			
	05/01/11 00:00 CST	40K	Flood (due to Heavy Rain)
	05/31/11 23:59 CST	0	Source: River/Stream Gage

Historic flooding continued along the Mississippi River from April. Levees protected large parts of the county until the evening of May 2, when the U.S. Army Corps of Engineers detonated the levee at Birds Point. The levee was opened as part of the activation of the New Madrid Floodway. The floodway was opened to relieve pressure on levees along the lower Ohio River and parts of the Mississippi River. Much of the floodway land is located in Mississippi County. Flooding caused by the intentional levee breaks is detailed in a flash flood entry located elsewhere in this report. The communities of East Prairie and Anniston were threatened by extensive backwater flooding. Widespread street flooding occurred in both communities. Large pumps kept water levels manageable in both cities.

NEW MADRID COUNTY --- NEW MADRID [36.60, -89.53], 4.5 ESE NEW MADRID [36.57, -89.46], 4.1 SE NEW MADRID [36.56, -89.48], 1.9 ESE HOWARDVILLE [36.57, -89.55], 2.2 ENE NEW MADRID CO MEM AR [36.54, -89.56], 1.8 NE NEW MADRID CO MEM AR [36.55, -89.58]			
	05/01/11 00:00 CST	0.50M	Flood (due to Heavy Rain)
	05/31/11 23:59 CST	0	Source: River/Stream Gage

Record flooding occurred on the Mississippi River. At the New Madrid river gage, the flood crest of 48.35 feet on the night of May 5 broke the previous record (set in 1937) by a few inches. The levee protecting the city of New Madrid held the water back, but seepwater caused a number of problems. Many city streets were damaged in New Madrid, including the formation of sinkholes once the water receded. One home was damaged by the seepwater, with water about an inch deep. Some basements were flooded with seepwater. Outside the levee system, the sewer treatment plant for New Madrid was in danger of being flooded. Floodfighting efforts were effective in saving the plant. Interstate 55 was reduced to one lane in both directions at the St. Johns Bayou due to sandbagging operations.

PERRY COUNTY --- ALTENBURG [37.63, -89.58], 1.2 SE BELGIQUE [37.82, -89.76], 3.1 NNE MENFRO [37.81, -89.70], 0.6 SE WITTENBURG [37.64, -89.52]			
	05/01/11 00:00 CST	50K	Flood (due to Heavy Rain)
	05/31/11 23:59 CST	0	Source: River/Stream Gage

Major flooding continued from April along the Mississippi River. Several roads were closed, including Highway E near Menfro. Most of the other roads were rural county roads. A main railway was closed due to water over the tracks.

SCOTT COUNTY --- COMMERCE [37.15, -89.45], 0.3 NE ILLMO [37.22, -89.50], 1.8 E ILLMO [37.22, -89.47], 1.1 ENE COMMERCE [37.16, -89.43]			
	05/01/11 00:00 CST	1.50M	Flood (due to Heavy Rain)
	05/31/11 23:59 CST	0	Source: River/Stream Gage

Major flooding continued from April on the Mississippi River. At the Thebes, Illinois river gage, the flood crest of 45.52 feet on the night of May 2 was the second highest crest on record. The record crest was 45.91 feet in May of 1995. The activation of the New Madrid Floodway by the U.S. Army Corps of Engineers spared the county from an even higher crest. With the detonation of the Mississippi River levee at Birds Point, Missouri, the river dropped suddenly. A combination of Mississippi River backwater and headwaters from the Whitewater River caused flooding as far inland as Chaffee. In Chaffee, a nursing home was sandbagged after its parking lot flooded. Many homes and other structures along Highway 77 were surrounded by water. At least one street was closed in Chaffee. In an area around Sikeston, sixty homes were threatened by backwater from the St. Johns Bayou. Many school districts were closed. U.S. Highway 62 was closed east of Interstate 55. A couple dozen homes were threatened in Commerce, causing a partial evacuation of the town. The breach of a private agricultural levee flooded thousands of acres of farmland and flooded even more of Commerce. A large portion of Route EE was closed.

STODDARD COUNTY --- 3.4 WNW SHOVER [36.71, -90.15], 2.6 SW DUDLEY [36.75, -90.13], 2.3 SSW ASHERVILLE [36.87, -90.19], 1.3 SSW DALE [36.86, -90.24]			
	05/01/11 00:00 CST	0.25M	Flood (due to Heavy Rain)
	05/31/11 23:59 CST	0	Source: Newspaper

Storm Data and Unusual Weather Phenomena - May 2011

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
Major flooding continued on the St. Francis River from April. At the Fisk river gage, the river crested at 27.10 feet on the evening of May 3. This was the second highest crest on record, exceeded only by a crest of 28.00 feet in April of 1927. The river came within inches of overtopping a levee on the left bank. Extensive flooding occurred on the Stoddard County side of the river. The Moccasin Flats area was completely submerged, forcing residents to evacuate by boat. Voluntary evacuations were conducted across the western quarter of the county, including the Puxico, Dudley, and Powe areas. All residents in the Powe area evacuated. Red Cross shelters were opened around the area. The eastbound exit ramp from U.S. Highway 60 to Highway 51 was flooded. Floodwaters endangered the eastbound lanes of Highway 60. Damage to county roads near the river was extensive. Three bridges were washed out. State Highway 51 was closed from County Road 279 to the Mingo National Wildlife Refuge.				
WAYNE COUNTY --- 4.1 ENE TASKEE STATION [36.99, -90.41], 4.2 NW LAKE WAPPAPELLO [36.99, -90.37], 2.8 WSW LODI [37.23, -90.49], 4.2 WSW LODI [37.23, -90.52]				
	05/01/11 00:00 CST		1M	Flood (due to Heavy Rain)
	05/21/11 20:00 CST		0	Source: River/Stream Gage

Moderate flooding continued from April on the St. Francis River. At the Patterson river gage, the river crested at 30.94 feet on the evening of May 2. This was the fifth highest flood crest on record, only an inch below the May, 2002 flood crest. Flooding was much more severe downriver near Greenville due to flooding of Lake Wappapello, which was formed by a dam on the St. Francis River. A storage facility and a restaurant in Greenville were flooded. County schools were closed for days due to numerous road closures. Residents in Greenville built a dirt levee across old U.S. Highway 67 to protect the town from flooding of the lake. The backwater from the lake reached all of the streets leading into town, effectively isolating the town. Floodwaters reached the girders of the four-lane bridge on U.S. Highway 67 south of Greenville. Lake Wappapello reached its highest level on record. A temporary dike three feet high was constructed of sandbags at Wappapello Dam's spillway in an attempt to control overtopping. The dike was eventually overtopped, and an uncontrolled release of water washed out Highway T. Lake levels impinged on sections of U.S. Highway 67 and State Route 34. State Route 34 was sandbagged east of Patterson in an attempt to keep it open, but Route 34 was closed between Highways 67 and 143. Up to four feet of water covered the road. The northbound lanes of U.S. 67 were closed for 1.5 miles near Otter Creek. Officials detoured northbound traffic into one southbound lane.

Heavy rainfall in March set the stage for major flooding when record-setting rains fell in April and May. At Cape Girardeau, 31.85 inches of rain fell between March and May. This set the record for the wettest meteorological spring (March through May) and was 68 percent of the normal rainfall for the entire year. The result of all this rain was rapid and dramatic rises on rivers. Record flood crests occurred on some rivers, inundating numerous homes and businesses. There were major impacts to transportation both on land and water. There were numerous closed roads across the region, leading to often lengthy detours. Because of the high water, there were numerous day and nighttime restrictions to barge traffic. Hundreds of thousands of acres of farmland were flooded. Crops were late getting planted.

Storm Data and Unusual Weather Phenomena - May 2011

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
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Aerial photo of flooding in the Sikeston area on May 5. Backwater from the Mississippi River combined with headwater flooding from smaller rivers and creeks inundated parts of Scott County. Photo courtesy of the Civil Air Patrol.

BOLLINGER COUNTY --- ALLIANCE [37.57, -90.00], 0.9 ESE LIXVILLE [37.58, -89.90], 3.3 S DRUM [37.13, -89.89], 1.5 NNW ZALMA [37.17, -90.09]	05/01/11 00:00 CST	0.35M	Flood (due to Heavy Rain)
	05/10/11 06:00 CST	0	Source: Trained Spotter

BUTLER COUNTY --- 1.1 SSW FAGUS [36.51, -90.28], 4.4 SSW NEELYVILLE [36.52, -90.54], 4.3 W HENDRICKSON [36.90, -90.56], 3.5 NE ROMBAUER [36.89, -90.24]	05/01/11 00:00 CST	0.50M	Flood (due to Heavy Rain)
	05/10/11 06:00 CST	0	Source: Trained Spotter

CAPE GIRARDEAU COUNTY --- (CGI)CAPE GIRARDEAU [37.23, -89.57], 0.9 WNW ALLENVILLE [37.22, -89.79], 1.9 SE FRIEDHEIM [37.55, -89.81], 0.6 NNE HINES LNDG [37.56, -89.52], 2.1 ESE EGYPT MILLS [37.39, -89.43]	05/01/11 00:00 CST	30K	Flood (due to Heavy Rain)
	05/10/11 06:00 CST	0	Source: Trained Spotter

CARTER COUNTY --- 5.7 E GRANDIN [36.83, -90.73], 8.1 SSW FREMONT [36.85, -91.24], 7.3 NNW FREMONT [37.04, -91.23], 7.0 N ELLSINORE [37.03, -90.73]	05/01/11 00:00 CST	30K	Flood (due to Heavy Rain)
	05/10/11 06:00 CST	0	Source: Trained Spotter

MISSISSIPPI COUNTY --- ALFALFA CENTER [36.97, -89.20], 1.5 S GROSNO [36.78, -89.17], 1.2 NW DORENA [36.59, -89.25], 8.4 SW PINHOOK STORE [36.63, -89.41], 7.7 NNW BERTRAND [37.03, -89.46]	05/01/11 00:00 CST	30K	Flood (due to Heavy Rain)
	05/10/11 06:00 CST	0	Source: Trained Spotter

Storm Data and Unusual Weather Phenomena - May 2011

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
NEW MADRID COUNTY --- 0.6 W LINDA [36.42, -89.56], 1.2 SSW GIDEON ARPT [36.43, -89.91], 0.7 W LORWOOD [36.62, -89.86], 0.1 SE MOREHOUSE [36.85, -89.68], 5.8 NE MATTHEWS [36.82, -89.50]				
	05/01/11 00:00 CST		3M	Flood (due to Heavy Rain)
	05/10/11 06:00 CST		0	Source: Trained Spotter
PERRY COUNTY --- ALTENBURG [37.63, -89.58], 0.4 WSW YOUNT [37.62, -90.06], 3.0 SW GIBONEY [37.76, -90.01], 0.4 NNE LITHIUM [37.83, -89.88]				
	05/01/11 00:00 CST		30K	Flood (due to Heavy Rain)
	05/10/11 06:00 CST		0	Source: Trained Spotter
RIPLEY COUNTY --- BENNETT [36.73, -91.00], 1.8 NNW BURR [36.52, -90.99], 2.4 E GLENN [36.52, -90.64], 3.7 NE FLATWOODS [36.72, -90.65]				
	05/01/11 00:00 CST		0.30M	Flood (due to Heavy Rain)
	05/10/11 06:00 CST		0	Source: Trained Spotter
SCOTT COUNTY --- ANCELL [37.22, -89.55], 3.7 WSW CHAFFEE [37.16, -89.73], 0.6 NE SALCEDO [36.91, -89.67], 2.0 SSE LUSK [37.00, -89.36]				
	05/01/11 00:00 CST		30K	Flood (due to Heavy Rain)
	05/10/11 06:00 CST		0	Source: Trained Spotter
STODDARD COUNTY --- 0.2 SE PAXICO [36.95, -90.17], 4.0 W POWE [36.67, -90.17], 1.6 NNE MAULSBY [36.67, -89.81], 1.7 NNE TOPPERTOWN [36.99, -89.82], 1.6 NW BROWNWOOD [37.09, -89.97]				
	05/01/11 00:00 CST		0.60M	Flood (due to Heavy Rain)
	05/10/11 06:00 CST		0	Source: Trained Spotter
WAYNE COUNTY --- 4.5 NE HIRAM [37.22, -90.26], 1.5 ESE WAPPAPELLO [36.92, -90.25], 6.0 WSW WILLIAMSVILLE [36.93, -90.64], 1.7 SE PIEDMONT [37.15, -90.70], 4.8 W LODI [37.26, -90.54]				
	05/01/11 00:00 CST		30K	Flood (due to Heavy Rain)
	05/10/11 06:00 CST		0	Source: Trained Spotter

Widespread flooding continued from April into May across southeast Missouri. Following excessive rain in April, a final dose of heavy rain came between April 30 and May 2. Numerous rounds of showers and thunderstorms produced additional average rainfall amounts of 4 to 6 inches. Between 9 and 22 inches of rain fell across the region between April 22 and May 3. Most creeks and streams flooded for an extended period of time. Some of the flooding was major. Numerous roads were flooded and closed, including some major state highways in each county. About 150 state roads were closed in southeast Missouri at the peak of the flooding. A number of road washouts were reported across southeast Missouri. One concrete bridge was washed out on County Road 410 in Stoddard County. A mudslide on County Road 451 in Butler County was an example of numerous flood-damaged roads there. Another mudslide closed one lane of U.S. Highway 67 in Wayne County. Railroad tracks were blocked by a mudslide near Williamsville in Wayne County. Some homes were sandbagged or evacuated across southeast Missouri, and there were reports of people trapped in their homes due to flooded access roads. Water rescues were conducted due to motorists driving into flooded areas. Some schools cancelled or delayed classes due to the large number of inaccessible homes. An agricultural levee on the Little River was breached near Baderville in New Madrid County, affecting large tracts of farmland. Significant flooding continued in Morehouse due to the Little River, and the westbound lanes of U.S. Highway 60 were closed. About two-thirds of the residences in Morehouse, or about 280 homes, sustained water damage. About 60 of those homes were deemed destroyed beyond repair. In the Puxico area of Stoddard County, Mingo Creek continued to flood. A water rescue was conducted in the area.

Storm Data and Unusual Weather Phenomena - May 2011

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
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Aerial photo of the widespread flooding in Morehouse in northern New Madrid County on May 5. Two-thirds of the community's 400 residences were flooded. The westbound side of U.S. Highway 60 (foreground) were closed at times. Photo courtesy of Civil Air Patrol.

WAYNE COUNTY --- WAPPAPELLO [36.93, -90.28], 0.3 SW WAPPAPELLO [36.93, -90.28], 2.6 SSE WAPPAPELLO [36.89, -90.26], 3.5 ESE WAPPAPELLO [36.91, -90.22], 1.4 ENE WAPPAPELLO [36.94, -90.26]				
05/01/11 22:00 CST	20M	Flash Flood (due to Heavy Rain)		
05/05/11 21:00 CST	0	Source: Other Federal Agency		

The record high level of Lake Wappapello exceeded the height of the emergency spillway at Wappapello Dam. The uncontrolled flow of water over the spillway berm washed out a 400-foot section of Highway T, taking out millions of dollars of communications infrastructure. County Road 404 was washed out. At least two homes along County Road 404 were inundated with at least a foot of water and were accessible only by boat. Five homes were directly affected by the spillway breach.

RIPLEY COUNTY --- DONIPHAN [36.62, -90.82], 2.2 WNW DONIPHAN [36.63, -90.86], 3.3 NW PRATT [36.57, -90.87], 3.0 N PRATT [36.57, -90.84]				
05/02/11 02:00 CST	0	Flood (due to Heavy Rain)		
05/04/11 06:00 CST	0	Source: River/Stream Gage		

Minor flooding occurred on the Current River. At the Doniphan river gage, the river crested at 17.82 feet on May 2. Some low-lying fields and woodlands near the river were flooded.

MISSISSIPPI COUNTY --- BIRDS PT [36.97, -89.15], 2.2 WSW PINHOOK STORE [36.72, -89.36], 2.7 W DORENA [36.58, -89.28], 4.3 SE WOLF IS [36.71, -89.15], 3.8 SE BIRDS PT [36.93, -89.10]				
05/02/11 21:06 CST	0.15B	Flash Flood (due to Dam / Levee Break)		
05/03/11 20:00 CST	50M	Source: Other Federal Agency		

Storm Data and Unusual Weather Phenomena - May 2011

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
<p>The U.S. Army Corps of Engineers activated the New Madrid Floodway by detonating a levee at Birds Point. The intentional levee breach relieved pressure on levees along the lower Ohio River and portions of the Mississippi River. The blast that opened the 11,000-foot gap in the levee shattered windows in Mississippi County and rattled windows as far away as Paducah, Kentucky. The flash flood caused by the levee breach was anticipated for days, and evacuations had been completed beforehand. Over 130,000 acres of prime farmland were submerged. About 100 homes were flooded, forcing the evacuation of 300 residents. The tiny community of Pinhook was inundated, and no decision had been made by residents on whether to rebuild the community. A primary national insurer estimated private property losses were around 100 million dollars within the floodway. Mississippi County officials estimated the cost to repair public infrastructure such as roads, bridges, and ditches was nearly 75 million dollars. The westward extent of the flash flood was limited by a second set of levees (called setback levees) designed to channel the water back toward the Mississippi River. The floodway remained submerged for the remainder of the month.</p>				
NEW MADRID COUNTY --- 6.6 SE BAYOUVILLE [36.59, -89.28], 4.2 E HENDERSON MOUND [36.71, -89.39], 4.4 ESE NEW MADRID [36.57, -89.46], 6.8 SSE NEW MADRID [36.51, -89.47]				
	05/02/11 21:06 CST		70M	Flash Flood (due to Dam / Levee Break)
	05/03/11 20:00 CST		30K	Source: Other Federal Agency



The U.S. Army Corps of Engineers activated the New Madrid Floodway by detonating a levee at Birds Point in Mississippi County. The intentional levee breach relieved pressure on levees along the lower Ohio River and portions of the Mississippi River. The blast that opened the levee shattered windows in Mississippi County and rattled windows as far away as Paducah, Kentucky. The flash flood caused by the levee breach was anticipated for days, and evacuations had been completed beforehand. Over 130,000 acres of prime farmland were submerged. Dozens of homes were flooded. A primary national insurer estimated property losses were around 100 million dollars within the floodway. The westward extent of the flash flood was limited by a second set of levees designed to channel the water back toward the Mississippi River. The floodway remained submerged for the remainder of the month.

BUTLER COUNTY --- POPLAR BLUFF [36.75, -90.40], 0.9 S MENO [36.79, -90.38], 1.5 SE MENO [36.79, -90.36], 1.8 E POPLAR BLUFF [36.74, -90.37], 3.5 S (P02)POPLAR BLUFF AR [36.72, -90.33], 3.4 SE POPLAR BLUFF [36.71, -90.36]				
	05/03/11 03:00 CST		0	Flood (due to Heavy Rain)
	05/06/11 09:00 CST		0	Source: River/Stream Gage

Moderate flooding occurred on the Black River. At the Poplar Bluff river gage, the river crested at 20.21 feet on May 3. Water overflowing levees that were damaged in April kept the crest from being higher. On Highway 53 southeast of Poplar Bluff, the National Guard rescued an elderly woman from chest-deep water after she drove into a flooded stretch of road. The highway was closed at the time. Some low-lying woods and fields near the river were flooded.

Heavy rainfall in March set the stage for major flooding when record-setting rains fell in April and May. At Cape Girardeau, 31.85 inches of rain fell between March and May. This set the record for the wettest meteorological spring (March through May) and was 68 percent of the normal rainfall for the entire year. The result of all this rain was rapid and dramatic rises on rivers. Record flood crests occurred on some rivers, inundating numerous homes and businesses. There were major impacts to transportation both on land and water. There were numerous closed roads across the region, leading to often lengthy detours. Because of the high water, there were numerous day and nighttime restrictions to barge traffic. Hundreds of thousands of acres of farmland were flooded. Crops were late getting planted.

Storm Data and Unusual Weather Phenomena - May 2011

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
<div><div></div><div></div></div> <div>Location: SIKESTON, MO - Object: NW OF SIKESTON Date: 05MAY11 TOT: 2111Z Dir=S Lat=N36 59.01' Lon=W089 44.17'</div>				

Aerial photo of flooding in the Sikeston area on May 5. Backwater from the Mississippi River combined with headwater flooding from smaller rivers and creeks inundated parts of Scott County. Photo courtesy of the Civil Air Patrol.

STODDARD COUNTY --- DALE [36.88, -90.23], ASHERVILLE [36.90, -90.18], 3.8 SSE DALE [36.83, -90.19], 3.6 SSE DALE [36.83, -90.21]		
05/05/11 01:00 CST	50K	Flash Flood (due to Dam / Levee Break)
05/06/11 01:00 CST	0	Source: Newspaper

A levee holding back the Mingo Ditch burst about three miles north of U.S. Highway 60. Extensive flash flooding occurred on the west side of Highway 51. Large areas of cropland were flooded. Some homes in the path of the floodwaters were totally surrounded. At least one home was evacuated and flooded. Other homes were inaccessible by vehicle. Sandbag walls were constructed to protect grain bins west of Dudley along Old Highway 60. Floodwaters came up to Highway 51, but the highway remained open.

Widespread flooding continued from April into May across southeast Missouri. Following excessive rain in April, a final dose of heavy rain came between April 30 and May 2. Numerous rounds of showers and thunderstorms produced additional average rainfall amounts of 4 to 6 inches. Between 9 and 22 inches of rain fell across the region between April 22 and May 3. Most creeks and streams flooded for an extended period of time. Some of the flooding was major. Numerous roads were flooded and closed, including some major state highways in each county. About 150 state roads were closed in southeast Missouri at the peak of the flooding. A number of road washouts were reported across southeast Missouri. One concrete bridge was washed out on County Road 410 in Stoddard County. A mudslide on County Road 451 in Butler County was an example of numerous flood-damaged roads there. Another mudslide closed one lane of U.S. Highway 67 in Wayne County. Railroad tracks were blocked by a mudslide near Williamsville in Wayne County. Some homes were sandbagged or evacuated across southeast Missouri, and there were reports of people trapped in their homes due to flooded access roads. Water rescues were conducted due to motorists driving into flooded areas. Some schools cancelled or delayed classes due to the large number of inaccessible homes. An agricultural levee on the Little River was breached near Baderville in New Madrid County, affecting large tracts of farmland. Significant flooding continued in Morehouse due to the Little River, and the westbound lanes of U.S. Highway 60 were closed. About two-thirds of the residences in Morehouse, or about 280 homes, sustained water damage. About 60 of those homes were deemed destroyed beyond repair. In the Puxico area of Stoddard County, Mingo Creek continued to flood. A water rescue was conducted in the area.

Storm Data and Unusual Weather Phenomena - May 2011

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
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Aerial photo of the widespread flooding in Morehouse in northern New Madrid County on May 5. Two-thirds of the community's 400 residences were flooded. The westbound side of U.S. Highway 60 (foreground) were closed at times. Photo courtesy of Civil Air Patrol.

CARTER COUNTY --- ELLSINORE [36.93, -90.75]

05/12/11 23:08 CST	0	Hail (0.75 in)
05/12/11 23:08 CST	0	Source: Trained Spotter

CARTER COUNTY --- ELLSINORE [36.93, -90.75]

05/12/11 23:08 CST	3K	Thunderstorm Wind (EG 52 kt)
05/12/11 23:08 CST	0	Source: Trained Spotter

Small trees were knocked down.

An isolated severe thunderstorm occurred ahead of a cold front over the Plains. A closed 500 mb low was located over the central Plains.

RIPLEY COUNTY --- 3.5 S NAYLOR [36.53, -90.60]

05/13/11 13:06 CST	6K	Thunderstorm Wind (EG 52 kt)
05/13/11 13:06 CST	0	Source: Law Enforcement

Small trees and a few power lines were blown down along Route 142.

RIPLEY COUNTY --- 3.5 S NAYLOR [36.53, -90.61]

05/13/11 13:06 CST	0	Hail (1.75 in)
05/13/11 13:06 CST	0	Source: Law Enforcement

Golf-ball size hail was observed along Route 142.

Storm Data and Unusual Weather Phenomena - May 2011

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
NEW MADRID COUNTY --- CATRON [36.62, -89.72]				
	05/13/11 13:35 CST		0	Hail (0.75 in)
	05/13/11 13:35 CST		0	Source: Trained Spotter
An isolated severe thunderstorm occurred ahead of a closed 500 mb low moving east across Missouri. A weak surface low was located over central Illinois, with a cold front trailing southward across the Mississippi Valley.				
CAPE GIRARDEAU COUNTY --- CAPE GIRARDEAU [37.30, -89.53]				
	05/22/11 22:37 CST		45K	Thunderstorm Wind (EG 52 kt)
	05/22/11 22:37 CST		0	Source: Public
Thunderstorm winds blew down trees and power lines. One tree landed on a house and another on a vehicle. The damage was mainly on the south end of the city.				
NEW MADRID COUNTY --- CATRON [36.62, -89.72]				
	05/22/11 22:45 CST		0	Thunderstorm Wind (EG 52 kt)
	05/22/11 22:45 CST		0	Source: Trained Spotter
A trained spotter estimated wind gusts to 60 mph lasting about three or four minutes. Power outages occurred in the community.				
A mesoscale convective system tracked eastward across southeast Missouri. Moderate instability existed in a corridor ahead of this system, sustaining its eastward progress. Strong and locally damaging winds occurred along the leading edge of the cold pool associated with the system. The strongest cells near the leading edge produced hail.				
BUTLER COUNTY --- FISK [36.78, -90.22]				
	05/23/11 14:34 CST		75K	Thunderstorm Wind (EG 70 kt)
	05/23/11 14:34 CST		0	Source: Emergency Manager
High winds ripped the metal roof off a storage building at the elementary school. Debris from the roof struck the elementary school, damaging air conditioning units and a corner of the school roof. Parts of the roof were wrapped around a telephone pole. Highway DD was closed because of debris. Windows were broken on two school busses. Some trees were damaged. A telephone pole snapped. At a nearby house, a porch roof was damaged and a window was broken by airborne debris.				
CAPE GIRARDEAU COUNTY --- 0.9 NE NEW WELLS [37.56, -89.62], 4.2 NNE NEW WELLS [37.60, -89.60]				
	05/23/11 14:53 CST		0.10M	Thunderstorm Wind (EG 61 kt)
	05/23/11 14:57 CST		0	Source: NWS Storm Survey
An area of straight-line winds occurred up to two miles to the south and east of a brief tornado that touched down on County Road 513. From the community of New Wells to the Perry County line, over a dozen trees were snapped or uprooted. About a dozen barns were unroofed or damaged, and another barn was destroyed. A shed partially collapsed on a vehicle. A small shed was blown off a trailer. Shingles were blown off a few houses.				
CAPE GIRARDEAU COUNTY --- 2.2 NNW SHAWNEETOWN [37.58, -89.66], 2.5 N SHAWNEETOWN [37.59, -89.66]				
	05/23/11 14:54 CST		1K	Tornado (EF0, L: 0.48 mi , W: 40 yd)
	05/23/11 14:56 CST		0	Source: NWS Storm Survey
Two to three eyewitnesses observed a rotating funnel cloud touch ground. Debris was observed in the air. The funnel bounced off the ground and then touched down a second time before disappearing in very heavy rain. The touchdown occurred in a rural wooded area. Very little damage was located except for minor vegetative debris on County Road 513 and one tree down. Peak winds were estimated near 65 mph.				
CAPE GIRARDEAU COUNTY --- (CGI)CAPE GIRARDEAU [37.23, -89.57]				
	05/23/11 15:20 CST		0	Thunderstorm Wind (MG 53 kt)
	05/23/11 15:20 CST		0	Source: Trained Spotter
A wind gust to 61 mph was measured by a trained spotter.				
NEW MADRID COUNTY --- 2.9 ENE MATTHEWS [36.79, -89.53], 5.8 NNE MATTHEWS [36.84, -89.53]				
	05/23/11 15:25 CST		30K	Thunderstorm Wind (EG 61 kt)
	05/23/11 15:33 CST		0	Source: Law Enforcement
Billboards and signs were blown down on Interstate 55 between the Sikeston and Matthews exits.				
MISSISSIPPI COUNTY --- CHARLESTON [36.92, -89.33]				

Storm Data and Unusual Weather Phenomena - May 2011

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	05/23/11 15:30 CST		40K	Thunderstorm Wind (EG 65 kt)
	05/23/11 15:30 CST		0	Source: Newspaper
The roof of a commercial building was heavily damaged. Wind-blown debris damaged numerous vehicles. Windows were broken in a couple of buildings.				
A large cluster of thunderstorms increased in coverage and intensity as it accelerated eastward into a rapidly destabilizing air mass. The activity was closely related to a mid-level shortwave trough moving across Iowa and Missouri, along with a low level wind maximum. The storms were associated with isolated damaging winds and a weak tornado.				
RIPLEY COUNTY --- 2.0 N GATEWOOD [36.61, -91.10]				
	05/25/11 14:05 CST		0	Hail (1.00 in)
	05/25/11 14:05 CST		0	Source: Law Enforcement
CARTER COUNTY --- 1.5 SW GRANDIN [36.81, -90.85], 2.0 ENE ELLSINORE [36.94, -90.72]				
	05/25/11 14:49 CST		0.30M	Tornado (EF3, L: 11.40 mi , W: 550 yd)
	05/25/11 15:05 CST		0	Source: NWS Storm Survey
The tornado reached its peak intensity about a mile east of Ellsinore, where an unanchored modular home with a conventionally-built addition was almost entirely blown away and carried an unknown distance. Several large oak trees were nubbed out. Several homes east of Ellsinore received moderate to major damage. The wall of one house was blown off, along with the back of the roof. Hundreds of trees were blown down. In the Grandin area, two mobile homes were destroyed, and a school suffered major damage, including the loss of an entire roof system. Hundreds of acres of large trees were uprooted or snapped. Between Grandin and Ellsinore, telephone poles were snapped and several cows were killed. A National Weather Service damage survey team found the presence of suction vortices east of Ellsinore. The suction vortices were reported by at least one trained spotter during the tornado. A national television crew aired video of the tornado in progress near Ellsinore. Peak winds were estimated near 150 mph. The average path width was 200 yards. The tornado path continued into Wayne County.				
CARTER COUNTY --- 3.4 W ELLSINORE [36.93, -90.81], 1.0 E ELLSINORE [36.93, -90.73]				
	05/25/11 14:51 CST		0	Hail (1.75 in)
	05/25/11 14:57 CST		0	Source: Law Enforcement
Hail of varying sizes was reported. The largest hail was the size of golf balls, which occurred in the path of the tornado that passed just east of Ellsinore. A person in the path of the tornado stated they were collecting some hailstones to place in the freezer when the tornado came into view. The sound of the tornado was familiar, since a tornado rated EF-4 struck the same area in 2002. The person's house lost most of its roof.				
WAYNE COUNTY --- PATTERSON [37.18, -90.57]				
	05/25/11 14:53 CST		0	Hail (1.00 in)
	05/25/11 14:53 CST		0	Source: Trained Spotter
WAYNE COUNTY --- 8.9 S LEEPER [36.94, -90.72], 3.2 NNE BURCH [37.31, -90.34]				
	05/25/11 15:05 CST		0.50M	Tornado (EF3, L: 32.81 mi , W: 1200 yd)
	05/25/11 15:43 CST	2	0	Source: NWS Storm Survey
This tornado continued from Carter County into Wayne County. Three homes were destroyed. One log home in far southwestern Wayne County was levelled. Nine houses suffered major damage, and another 39 homes had minor damage. The vast majority of damage was in the Silva area. In Silva, a camper and a mobile home were destroyed. A Silva family reportedly did not make it to their tornado shelter in time, and all four family members lost consciousness. A large tree fell on one of the victims, resulting in a dislocated shoulder. Another family member received minor to moderate injuries to the hip, back, and head. Several vehicles were destroyed or damaged from flying debris and fallen trees. A couple of churches received mainly minor damage. Hundreds of acres of large trees were uprooted or snapped. A half-mile section of Highway 34 east of Silva was closed due to downed trees and power lines. Most streets in Silva were blocked by trees and limbs. Peak winds were estimated near 150 mph. The average path width was about 450 yards. The tornado continued northeast into Madison County.				
WAYNE COUNTY --- 5.0 SE MILL SPG [37.03, -90.63]				
	05/25/11 15:14 CST		0	Hail (1.75 in)
	05/25/11 15:14 CST		0	Source: Emergency Manager
WAYNE COUNTY --- GREENVILLE [37.13, -90.47]				
	05/25/11 15:21 CST		0	Hail (0.88 in)
	05/25/11 15:21 CST		0	Source: Trained Spotter
Debris from a nearby tornado was falling from the sky along with the hail.				
WAYNE COUNTY --- 1.0 S MILL SPG [37.06, -90.70], 2.8 W LODI [37.26, -90.50]				

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Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	05/25/11 15:37 CST		70K	Tornado (EF1, L: 17.77 mi , W: 150 yd)
	05/25/11 16:04 CST		0	Source: NWS Storm Survey

The tornado was not on the ground for the whole path length. Numerous trees were uprooted and snapped, especially along Highway U between Highway B and FF. Mainly tree damage occurred to the southwest of that area. Along Highway 34, two outbuildings were destroyed and a small covered bridge on private property was destroyed. There was minor soffit damage to another house along Highway 34. Only a few trees were damaged to the northeast of this area. A few power poles were snapped. Peak winds were estimated near 100 mph. The average path width was 100 yards.

RIPLEY COUNTY --- 4.0 S DONIPHAN [36.56, -90.82]

05/25/11 15:42 CST	0	Hail (1.75 in)
05/25/11 15:42 CST	0	Source: Emergency Manager

CARTER COUNTY --- 3.1 W HUNTER [36.88, -90.91], 2.9 WNW HUNTER [36.89, -90.90]

05/25/11 15:44 CST	2K	Tornado (EF0, L: 0.49 mi , W: 50 yd)
05/25/11 15:45 CST	0	Source: NWS Storm Survey

A few trees and tree limbs were downed along Highway E near the Current River. Peak winds were estimated near 70 mph.

PERRY COUNTY --- 2.8 WNW YOUNT [37.64, -90.10], 2.7 WNW YOUNT [37.64, -90.09]

05/25/11 15:51 CST	3K	Tornado (EF0, L: 0.30 mi , W: 60 yd)
05/25/11 15:52 CST	0	Source: NWS Storm Survey

Several trees and tree limbs were blown down along the north side of Highway BB. Peak winds were estimated near 75 mph.

PERRY COUNTY --- 2.0 N BREWER [37.81, -89.92]

05/25/11 15:57 CST	2K	Thunderstorm Wind (EG 52 kt)
05/25/11 15:57 CST	0	Source: NWS Storm Survey

An antenna was blown over. Small tree limbs were blown down.

RIPLEY COUNTY --- 1.6 W TORCH [36.53, -90.71], 1.2 WNW TORCH [36.54, -90.70]

05/25/11 15:58 CST	0	Tornado (EF0, L: 0.74 mi , W: 50 yd)
05/25/11 15:59 CST	0	Source: Trained Spotter

A trained spotter reported a brief touchdown occurred at Highway N and Highway KK, south of Oxyly.

BUTLER COUNTY --- POPLAR BLUFF [36.75, -90.40], 0.9 SSW MENGO [36.79, -90.38]

05/25/11 16:05 CST	20K	Thunderstorm Wind (EG 56 kt)
05/25/11 16:10 CST	0	Source: Newspaper

Poplar Bluff street workers removed six trees that fell across city streets. A couple of other large trees were uprooted in back yards of houses. Two power poles were blown over. County highway crews removed two large trees from County Road 554.

BUTLER COUNTY --- 2.2 W POPLAR BLUFF [36.75, -90.44], 1.8 WNW POPLAR BLUFF [36.76, -90.43]

05/25/11 16:14 CST	0	Tornado (EF0, L: 0.70 mi , W: 40 yd)
05/25/11 16:15 CST	0	Source: Trained Spotter

A trained spotter reported a brief touchdown.

BUTLER COUNTY --- 5.1 SE NEELYVILLE [36.53, -90.43]

05/25/11 16:20 CST	20K	Thunderstorm Wind (EG 56 kt)
05/25/11 16:20 CST	0	Source: Newspaper

A barn was destroyed. Debris from the barn was blown against the farmhouse.

BOLLINGER COUNTY --- 4.4 NNW GRISHAM [37.44, -90.14], 1.5 WSW ALLIANCE [37.56, -90.03]

05/25/11 16:28 CST	30K	Tornado (EF1, L: 10.76 mi , W: 250 yd)
05/25/11 16:33 CST	0	Source: NWS Storm Survey

The tornado continued into Bollinger County from Madison County. Hundreds of trees were uprooted and snapped. Peak winds were estimated near 100 mph. The average path width was 200 yards.

Storm Data and Unusual Weather Phenomena - May 2011

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
WAYNE COUNTY --- PIEDMONT [37.17, -90.72]				
	05/25/11 16:35 CST		15K	Thunderstorm Wind (EG 56 kt)
	05/25/11 16:35 CST		0	Source: Newspaper
A large number of trees covered Highway AA.				
BOLLINGER COUNTY --- LUTESVILLE [37.30, -89.98], 4.0 ENE MAYFIELD [37.47, -89.88]				
	05/25/11 16:48 CST		40K	Thunderstorm Wind (EG 70 kt)
	05/25/11 16:52 CST		0	Source: Emergency Manager
Wind speeds were estimated from 70 to 80 mph over much of the county. Trees were blown down on several roadways. One tree fell on a home along Highway 72.				
STODDARD COUNTY --- 2.5 S AID [36.84, -90.04], 1.7 WNW PYLETOWN [36.73, -90.05]				
	05/25/11 16:50 CST		50K	Thunderstorm Wind (EG 78 kt)
	05/25/11 16:50 CST		0	Source: Newspaper
On Highway F about two miles north of U.S. Highway 60, two businesses sustained major damage. A 60-by-90 foot shop building was scattered across a large field to the north of where the building stood. A two-pole structure holding up high-voltage transmission lines was broken off. Large trees were uprooted southwest of Dexter.				
STODDARD COUNTY --- BLOOMFIELD [36.90, -89.92]				
	05/25/11 16:55 CST		20K	Thunderstorm Wind (EG 56 kt)
	05/25/11 16:55 CST		0	Source: Newspaper
Numerous large trees were blown down. One tree fell on a house. A shed was flipped upside down and tossed across a yard.				
CAPE GIRARDEAU COUNTY --- 1.0 SE GORDONVILLE [37.31, -89.67], 3.0 WNW MARQUETTE [37.28, -89.62]				
	05/25/11 17:15 CST		6K	Thunderstorm Wind (EG 56 kt)
	05/25/11 17:15 CST		0	Source: Emergency Manager
The roof was blown off a barn. Several trees were blown down.				
CAPE GIRARDEAU COUNTY --- 3.2 NW NEELYS LNDG [37.53, -89.54], 4.7 NNW NEELYS LNDG [37.56, -89.53]				
	05/25/11 17:18 CST		20K	Tornado (EF1, L: 2.13 mi , W: 250 yd)
	05/25/11 17:22 CST		0	Source: NWS Storm Survey
The tornado produced mainly tree damage, with some snapped and uprooted. Some roofing damage occurred to a house. Tin was rolled back on a small barn. Peak winds were estimated near 95 mph. The average path width was 200 yards.				
MISSISSIPPI COUNTY --- EAST PRAIRIE [36.78, -89.38]				
	05/25/11 17:29 CST		25K	Thunderstorm Wind (EG 52 kt)
	05/25/11 17:29 CST		0	Source: Newspaper
A large tree was uprooted. The tree landed on a house, causing significant damage. Another structure received minor wind damage.				
NEW MADRID COUNTY --- LILBOURN [36.60, -89.62], MARSTON [36.52, -89.60]				
	05/25/11 17:29 CST		0	Hail (1.75 in)
	05/25/11 17:30 CST		0	Source: Trained Spotter
CAPE GIRARDEAU COUNTY --- 0.9 NE FRUITLAND [37.46, -89.64], 1.4 NE FRUITLAND [37.46, -89.63]				
	05/25/11 17:30 CST		50K	Thunderstorm Wind (EG 70 kt)
	05/25/11 17:31 CST		0	Source: NWS Storm Survey
A microburst containing estimated peak winds near 80 mph occurred along and east of U.S. Highway 61. Several trees were blown down. The top of a barn was destroyed. Shingles were blown off a house. The path length was about one-half mile, and the path width was 400 yards.				
SCOTT COUNTY --- 2.1 SE BENTON [37.08, -89.54], 2.1 ESE BENTON [37.08, -89.54]				
	05/25/11 17:30 CST		1K	Tornado (EF0, L: 0.36 mi , W: 50 yd)
	05/25/11 17:31 CST		0	Source: NWS Storm Survey

Storm Data and Unusual Weather Phenomena - May 2011

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
A couple of trees and tree limbs were down along and either side of Interstate 55 at the 80-mile marker. A funnel cloud was reported at this location by a trained spotter. Peak winds were estimated near 70 mph.				

BOLLINGER COUNTY --- GLENALLEN [37.32, -90.03]

05/25/11 17:33 CST	0	Funnel Cloud
05/25/11 17:33 CST	0	Source: Public

A funnel cloud was reported by the public.

RIPLEY COUNTY --- NAYLOR [36.58, -90.60]

05/25/11 17:59 CST	0	Hail (0.88 in)
05/25/11 17:59 CST	0	Source: Emergency Manager

Numerous strong to severe thunderstorms occurred in the warm sector of a low pressure system over central Missouri. The air mass in the warm sector was very unstable, with afternoon mixed-layer cape values in the 2500 to 4000 j/kg range. A 65 to 75 knot mid level jet was located across Arkansas, with the nose of the jet moving into western Kentucky. This feature enhanced the lift and strong deep-layer shear already in place, creating an environment very favorable for supercells and tornadoes. A 40 to 55 knot low level jet across eastern Arkansas moved into western Kentucky during the evening, resulting in a long-track strong tornado.

Storm Data and Unusual Weather Phenomena - May 2011

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
				

Storm Data and Unusual Weather Phenomena - May 2011

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
				

Photo of the EF-3 tornado as it passed near Ellsinore. Photo courtesy of Janet Leach.